

# REVISED ANADROMOUS STREAM CATALOG OF

SOUTHEASTERN ALASKA

Appendix D - District 4

Volume I

By: Paul Novak

1975

App.D v.1

#### ADF&G TECHNICAL DATA REPORTS

This series of reports is designed to facilitate prompt reporting of data from studies conducted by the Alaska Department of Fish and Game, especially studies which may be of direct and immediate interest to scientists of other agencies.

The primary purpose of these reports is presentation of data. Description of programs and data collection methods is included only to the extent required for interpretation of the data. Analysis is generally limited to that necessary for clarification of data collection methods and interpretation of the basic data. No attempt is made in these reports to present analysis of the data relative to its ultimate or intended use.

Data presented in these reports is intended to be final, however, some revisions may occasionally be necessary. Minor revisions will be made via errata sheets. Major revisions will be made in the form of revised reports.

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#### REVISED ANADROMOUS STREAM CATALOG OF

#### SOUTHEASTERN ALASKA

Ву

Paul Novak
Alaska Department of Fish and Game,
Division of Commercial Fisheries, 1975
Ketchikan, Alaska

1975

Appendix D - District 4.

(Volume I).

1. S.E. Albania E. Hydrology I. Agring

Statistical Area 104 District 4 (continued)

### SUMMARY STREAM EVALUATIONS

## District 4

Name & Number	Average width	Length	Area (Ft <sup>2</sup> )	M <sup>2</sup>	Spawning area (m²)	Available area (m <sup>2</sup> )
104-10-05 N. Entrance Essowal	12'	900'	10,800	1,003	60%	601
104-10-08 .6 miles E.	6'	1,300'	7,800	725	5%	36
104-10-10 Parrot Creek	80' 15'	225' 1,000'	18,000 15,000	1,672 1,394	80% 5%	1,338 697
104-10-15 Bar Creek	25'	1,200'	30,000'	2,787	30%	836
104-10-20 Lilly Pad Lake Creek	:	INTERN	MITTENT STREA	AM - NO I	POTENTIAL	
104-10-25 Essowah Pt. Creek	20'	750'	15,000	1,394	5%	70
104-10-27 Security Bay	15' 6'	300' 150'	4,500 900	418 83	60% 50%	250 41
104-10-30 Liscome Creek	30'	2,640'	79,200	7,357	50%	3,678
104-10-35 Wolk Harbor	10'	1,200'	12,000	1,114	70%	780
			Subdistric	et 104-10	total	8,327
104-20-05 Sea Otter Harbor	5'	900'	4,500	418	50%	209
102-20-10 Sea Otter Harbor	20'	100'	2,000	185	10%	18
104-20-15 Sakie Creek Left	6' 8'	150' 200'	900 1,600	83 148	5% 20%	4 29
104-20-20 Sakie Bay Creek	20'	1,980'	39,600	3,678	60%	2,207
104-20-25 Fishermen's Cove	8'	225'	1,800	167	20%	33

Name & Number	Average width	Length	Area (Ft <sup>2</sup> )	$M^2$	Spawning area (m <sup>2</sup> )	Available area (m <sup>2</sup> )
104-20-30 Devils Lake Hd. St.	15'	2,000	39,000	3,623	20%	724
104-20-35 Welcome Cove	25'	1,980	49,500	4,509	25%	1,149
104-20-40 Augustine Bay	7'	600	4,200	390	80%	312
104-20-50 Gooseneck Harbor	4'	90	360	33	60%	20
104-20-52 Gooseneck Harbor	6'	120'	720	66	5%	3
10 <b>4-</b> 20-54 Gooseneck Harbor	10'	90'	900	83	5%	4
104-20-55 Gooseneck Harbor	5'	130'	650	60	1%	6
104-20-65 Pt. Bazan	15'	900'	13,500	1,254	5%	62
104-20-70 Pt. Bazan	10'	900'	9,000	836	40%	334
104-20-72 Pt. Bazan	3'	150'	450	41	5%	2
104-20-75 Pt. Bazan	15'	375'	5,625	522	5%	26
104-20-80 Pt. Bazan	10'	150'	1,500	139	60%	83
			Subdistric	et_104-20 1	total	5,225
104-30-10 Pt. Santa Cruz	8'	660'	5,280	490	25%	122
104-30-15	33'	450'	14,850	1,379	20%	275
104-30-20	20'	1,320'	26,400	2,452	20%	490
104-30-25 Irena Creek	8'	900'	7,200	668	30%	200

Name & Number	Average width	Length	Area (Ft <sup>2</sup> )	м <sup>2</sup>	Spawning area (m <sup>2</sup> )	Available area (m²)
104-30-05		INTER	MITTENT - NO	O POTENTIA	ΔL	
104-30-15		INTER	MITTENT - NO	O POTENTIA	\L	
104-30-30		INTER	MITTENT - NO	O POTENTIA	,L	
104-30-35	9' 9'	300' 300'	2,700 2,700	250 250	20% 20%	50 50
104-30-37 Bobs Bay	6'	300'	1,800	107	5%	8
104-30-40 Diver Bay	9'	225'	2,025	188	50%	94
104-30-45 Hole in the Wall	8'	375'	3,000	278	<b>4</b> 0%	111
104-30-50 Fortaleza Cr.	40'	60'	2,400	222	90%	200
104-30-47		INTER	MITTENT - NO	O POTENTIA	L	
104-30-48		INTER	MITTENT - NO	) POTENTIA	L	i.
104-30-55		INTER	MITTENT - NO	O POTENTIA	L	
104-30-57 Pt. San Antonio	10'	2,500	25,000	2,322	20%	464
104-30-60	16'	7,450	7,200	669	60%	401
104-30-65		INTER	MITTENT - NC	) POTENTIA	L	
			Subdistri	ct 104-30 t	otal	2,465
104-40-05 Roller Bay Cr.	35'	3,960	138,600	12,875	10%	1,287
104-40-10		NO PC	TENTIAL			
104-40-15		NO PC	TENTIAL			
104-40-20		NO PC	TENTIAL			
104-40-22		NO P	OTENTIAL			

## District 4 (continued)

Name & Number	Average width	Length	Area (Ft <sup>2</sup> )	м <sup>2</sup>	Spawning area (m <sup>2</sup> )	Available area (m <sup>2</sup> )
104-40-25		NO PC	TENTIAL			
. •						
						**************************************
			Subdistrict	104-40	total	1,287
			District 4		· · ·	
				Area T	otal	17,304

Trap Creek Essowah Harbor 104-10-05 Downey

Moderate debris but nothing real bad to get over.

Unidentified fry throughout - looked like coho.

Small gravel - 1" and less - with some finer, almost sand-like.

60% Available spawning area.

Nice smaller type stream about normal flow - shallow 2''-6''.

X- Old cedar cabin - pretty well fallen in.

ESSOWAH LAKE

Name Trap Cr		_ Catalog No	104-10-05	
Latitude	N 54° 46' 30" W 132° 53' 40"	WR No		
Longitude	W 132° 53' 40"	_ K No		
Geodetic Map	NO. Dixon Entrance D-3	work Area 🔻	Catchikan	
Location W. Coa	st Dall I 4 mi NE Ecco	Westershed Len	igith 1 2 miles	
Drainage Area	of watershed 1.	1 square miles.		
water Supply	Type <u>Precipitation f</u>	ed.		
Trails & Surv	rey Routes <u>Easy wal</u>	king in stream bed.		
	Notes Too short to			
Anchorage Bazan 3 miles	No known anchorages as t	his area is exposed	. Nearest anchora	age in Port
	nen Surveyed half		de en antre de en entre en en entre en els paracies, en any establisque en antre de els passens de la colonia	
FISHERY RESOU				
Commercial	Fisheries Pink, co	oho	Martin Control of the	-
Escapement	Unknown. No historica	1 record	Marie Ma	
	spawning area - 601 M <sup>2</sup>		<del></del>	
	position Unknown			
			the transfer of the second	and the recommended insulations of the confidence of the confidenc
Timing Unl	known			
Schooling a	areas None observed	•		
Chollfigh I	Potontial None note	d Thomas and 1 1 1 -	_1 _1	
puerriran i	Potential None noted	1. There could be	abaione beds in ad	ljacent areas.
Sport Fishe	eries Not very much	n potential as a sp	orts fishing strea	ım.
Tond Time of	Present None. Th			
area.	rresent None. II	iis area is too reme	ote for use as a r	ecreation
History of	Land Use Unknown. 1	This area has soon	little use by huma	and due to it.
remoteness an	nd exposed location.	tillo area has seen.	LICETE USE DY MUNICA	ins due to its
Rehabilitat	cion Potential No re	ehab. necessary to	increase salmon pr	oduction.
			The same of the sa	
Soils Soi	ils are stable.	Or the the third that was a surface and the side of th		
GAME RESOURCES				
Bear	Fish carcasses or bones	s (old or fresh) on	banks, estimate	0
	Number of droppings	,		0
Geese	Number seen on tide fla	ats		0
	Number seen up creek			0
70.00	Number of broods seen			0
Mallards	Number seen on tide fla	ats		0
	Number seen up creek			0
Mergansērs -	Number of broods seen Number of broods seen			0
Bald Eagles-	Number of broods seen  Number seen along creel	مر ا		0
ran nagreba	Number of nests seen a			0
Seals				. 0
	Estimate length along 1			0
	Estimate depth out from			0
	Eel grass present on wh		S	0

STREAM INVENTORY FORM  Date: Remperature: Weather: Weather:														
STREAM INVENTORY FORM  Name: Irap Creek  Number: 104-10-05														
	1	2/2	6'W .32'D	3	7	1/1	2	3.34		4.5	10-8		3	Е
	Station No.	Pool Size/Type	Riffle Type Width-Depth	Pool Riffle Frequency	Bottom Type (Riffle)	Color/Turbidity	Velocity	P Flow (C.F.S.)	Temp. (°F.)	Hq	Fry Abundance	Benthos Sample No.	Higher Plant Class	Aquatic Veg. Density Ident. (1) Mosses

General Remarks (rehab., land use, barriers, log jams, etc.):

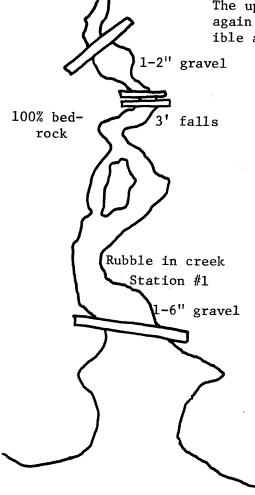
- 6 -Flo

Essowah Lake Creek 104-10-08 R. Larson 8-11-75

60% ASA in mouth of stream rapidly changing to 0% 50 yards upstream.

The upper stream has more gravel again but steepens and becomes impassible after approximately 1/4 mile.

5% ASA



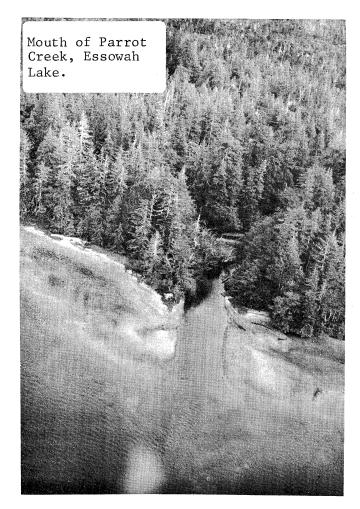
The state of the s

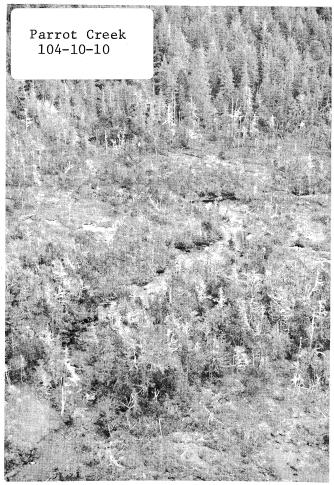
Name Essowa	th Lake Creek 54° 47' 44" 132° 52' 51" No. Dixon Entrance D-3 tile west of Parrot Cr. of Watershed 1.5 sq.	Catalog No	104-10-08	
Latitude N	54° 47' 44''	WR No.		
Longitude <u>W</u>	132° 52' 51"	K No.		
Geodetic Map	No. Dixon Entrance D-3	Work Area <u>Ket</u>	chikan	
Dreived Amen	ille west of Parrot Cr.	watershed Leng	;th <u>1.5 miles</u>	
Drainage Area	of Watershed 1.5 sq. Type Precipitation	miles		
mater suppry	Type Precipitation			
and quite brush	ey Routes Stream bed on banks.			
Aerial Survey	Notes Stream is too B	aall and dark to s	urvey by air.	
Anchorage	Lake stream.			
Tide Stage Wh	en Surveyed N/A			
FISHERY RESOU		4.4		
a small numbe	Fisheries No fry seen of pink, coho and sockey	although stream co	ould be used for	spawning by
Facanement	This is a record law sockey	e.		_
spawning area	This is a very low poter  Available spawning a			
Species Com	nosition Unknown			
	- CHENOWII			
Timing Unk	nown			
Schooling a	reas In mouth of stre	am.		
Snelliish r	otential None			
Sport Fishe	ries Dolly Varden in	Essowah Lake.		
	Present None			
History of	Land Use Unknown			
Rehacilitat	ion Potential No	ne		
Soils Stab	le.			
DOTTP Deap	10.			
***************************************				
GAME RESOURCES				
	77.	4		
Bear	Fish carcasses or bones	(old or fresh) on	banks, estimate	
Coose	Number of droppings	_		-
Geese	Number seen on tide flats	3		-
	Number seen up creek Number of broods seen			
Mallards	Number of broods seen  Number seen on tide flats	•		
raileius	Number seen up creek	•		
	Number of broods seen			
Mergansērs -	Number of broods seen			_
	Number seen along creek			_
	Number of nests seen and	location		-
Seals	Number seen at mouth of s			-
	Estimate length along bea			-
	Estimate depth out from h	peach		_
	Fel grass present on what			

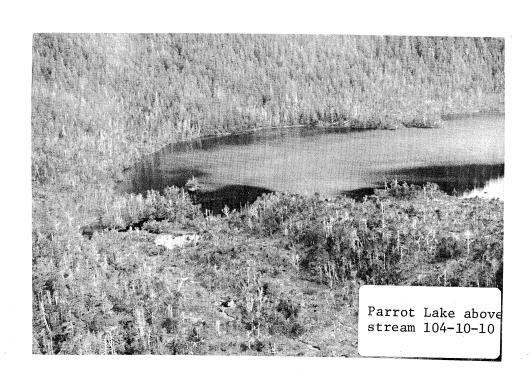
		STREAM INVENTORY FORM	IRY FORM	Observers: R.Larson	R. Larson	
		Name: Essowah	Essowah Lake Stream	15	re: 60°F	•
		Number: 104-10-08	0-08	Weather: 0	erc	
Station No.	1					
Pool Size/Type	3/1					
Riffle Type Width-Depth	21 'W 8''D					
Pool Riffle Frequency	3					
Bottom Type (Riffle)	7					
Color/Turbidity	2/2					
Velocity	2					
Flow (C.F.S.)	14.89					
Temp. (°F.)	.88					
Hq	8					
Fry Abundance	0					
Benthos Sample No.						
Higher Plant Class	1					
Aquatic Veg. Density Ident. (1) Mosses (2) Algae	1 2					

General Remarks (rehab., land use, barriers, log jams, etc.): Low potential due to limited spawning area and small size of stream.

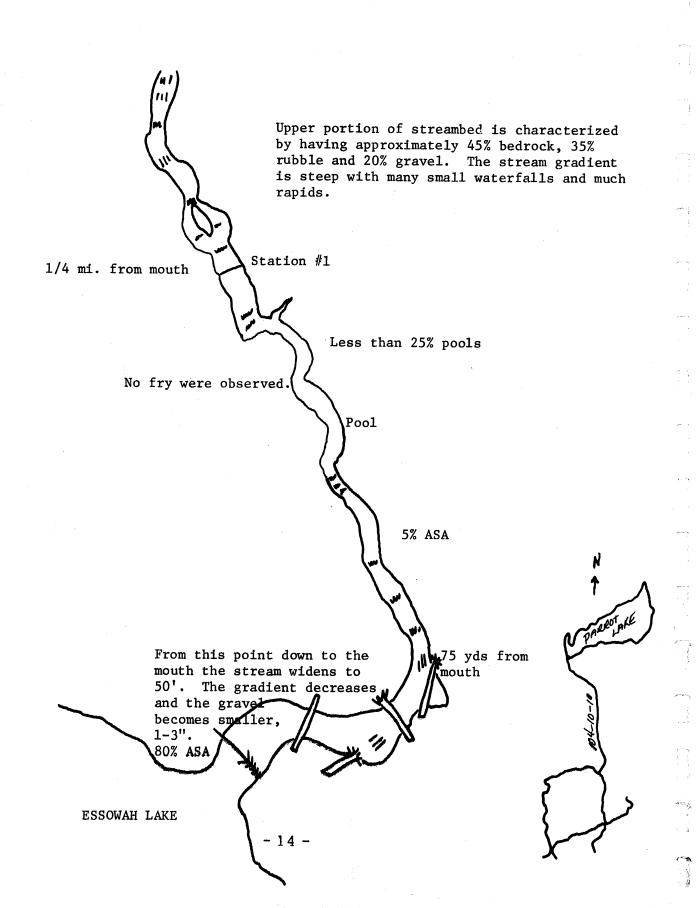
r× m







Parrot Creek 104-10-10 Novak, R.Larson, Downey 8-11-75



Name Parrot Creek	Catalog No. <u>104-10-10</u>
Name Parrot Creek Latitude N 54° 47' 47" Longitude W 132° 52' 27"	WR NO.
Longitude <u>W 132° 52' 27"</u>	
Geodetic Map No. <u>Dixon Entrance D</u>	-3 Work Area <u>Ketchikan</u> Watershed Length <u>3 miles</u>
Location Outflow Cr. of Parrot L.	Watershed Length 3 miles
Drainage Area of Watersned 4.0	4 sq. miles
water Supply Type Lake, groundwa	ter from small muskegs and precipitation.
Impile & Suprem Poutos de 1	
ere quite brushy	ed can be walked at normal water levels, banks
Aerial Survey Notes The extreme	lower end has a light colored bottom and fish should
pe visible if present. The greatest	portion of the creek would be very difficult to surve
AXXXXXXXXX due to dark colored bottom	n and rapids.
Anchorage Tide Stage When Surveyed	
FISHERY RESOURCES	
	provide anarmine area for mink sales and sales
Old fish hones found next to Static	provide spawning area for pink, coho, and sockeye. on #1, no fry seen in creek.
Escapement Present escapement	unknown
Available spawning area - 2,035	M <sup>2</sup>
Species Composition Unknown	1
Timing Unknown	
Schooling areas At mouth of	creek.
Ci 13 Ci 1 D. / / No.	
Shellfish Potential None	
Sport Fisheries Dolly Van	rden in Parrot Lake and some large ones in Essowah
Lake.	race in refree bake and some rarge ones in Essowan
Land Use at Present None	
described descri	
History of Land Use Unknown	1
Rehabilitation Potential	None to increase salmon production.
Soils Shallow layer of duff over	er bedrock, banks are stable.
GAME RESOURCES	
Bear Fish carcasses or bo	nes (old or fresh) on banks, estimate _
Number of droppings	The state of the s
Geese Number seen on tide	flats
Number seen up creek	
Number of broods see	
Mallards Number seen on tide	
Number seen up creek	
Number of broods see	
Mergansers - Number of broods see	
Bald Eagles- Number seen along cr	°eeK
Number of nests seem	and location
Number of nests seer Seals Number seen at mouth	n and location
Number of nests seem	n and location n of stream ng beach

STREAM INVENTORY FORM

Name: Parrot Lake Creek

Temperature: 59°

Observers: Novak, Downey, R.Larson Date: 8-II-75

Weather: Partly cloudy

Number: 104-10-10

39'W 1.3'D 3	H				-					
	3/2				į					
3	39'W L.3'D			·						
	3						٠			

Pool Size/Type

Station No.

Riffle Type Width-Depth

Pool Riffle

Frequency

Color/Turbidity

Bottom Type (Riffle)

2/1

Velocity

9 Flow (C.F.S.) Temp. (°F.)

52%

4.5

88.37

Fry Abundance 品

Benthos

Sample No.

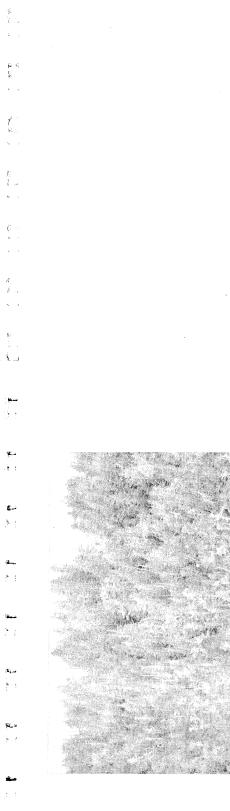
Higher Plant Class

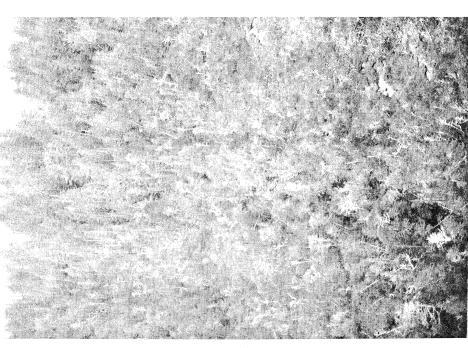
Aquatic Veg.

Density Ident.

	, $\log jams$ , etc.): Old fish bones observed in muskeg next to Station #1.
	next to
	nuskeg
	red in 1
***	observ
	bones
	d fish
	); 010
	, etc.
	og jams
	S
	land use, barrier
<del></del>	i use,
	, lan
Н	(rehab.,
(1) Mosses (2) Algae	al Remarks
(1) MC (2) AJ	General

Cedar - hemlock, scrub timber, open muskeg type.





Name: Bar Creek

Number: 104-10-15

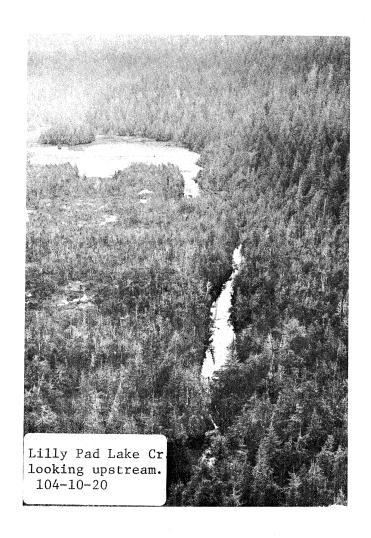
Station No. 1  Pool Size/Type 3/2  Riffle Type 8"D  Pool Riffle 3  Bottom Type 4  (Riffle) 4  Color/Turbidity 2/1  Color/Turbidity 2/1  Flow (C.F.S.) 6  Temp. (°F.) 53  pH 5  Fry Abundance 8  Benthos Sample No. Higher Plant Class 3  Aquatic Veg. 2  Higher Plant Class Aquatic Veg. 2  Density Ident. (1) Mosses						1		1
	ion No.	1						
<u>الم</u>	Size/Type	3/2						
h		25 tW 8"D		-				
<u> </u>	Riffle uency	3						
<u>}</u>	om Type fle)	7						
	r/Turbidity	2/1						
· · · · · · · · · · · · · · · · · · ·	city	2						
	<u>!</u>	est.						- i
	· (°F.)	53						
		5						1
	Abundance							1
	hos le No.				·			1
	er Plant	e e				·	,	
(1) Mosses	tic Veg. ity lent.	2						
(2) Algae   1	) Mosses							

0 Flow (C.F.S.)

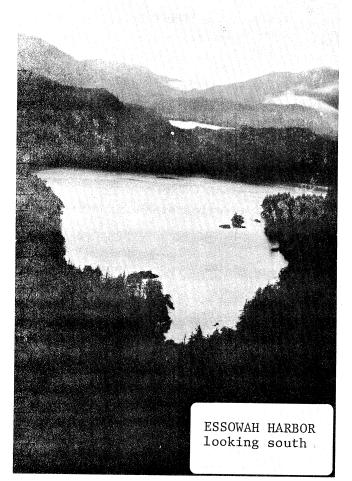
General Remarks (rehab., land use, barriers, log jams, etc.): Upstr but due to the small size of the stream no remedial action recomm

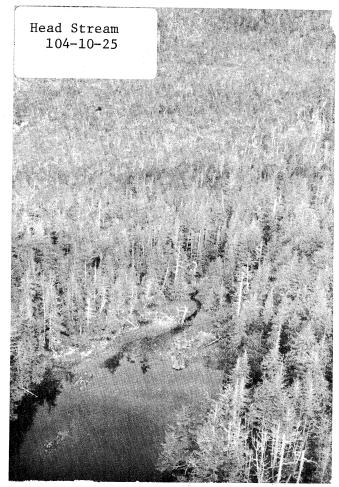
7

7



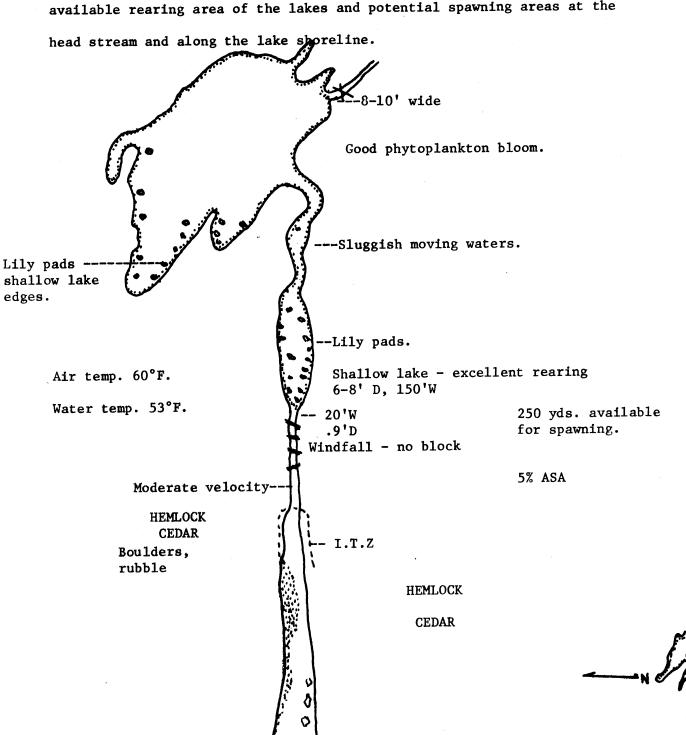
-------1 Transfer of 7 





Essowah Pt. Creek 104-10-25 8-11-75 Novak

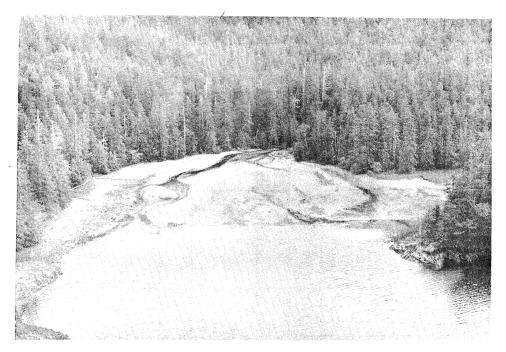
This system appears to be an excellent sockeye producer, based on the available rearing area of the lakes and potential spawning areas at the



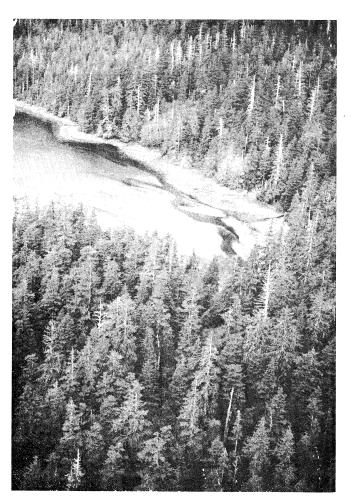
Name Essowa	ah Pt. Creek 54° 46' 20" 132° 53' 52"	Catalog No. <u>104-10-25</u>	
Latitude N	54° 46' 20"	WR No.	
Longitude W	132° 53' 52"	K No.	
Geodetic Map	No. Dixon Entrance D-3	Work Area Ketchikan	
Location west	Coast Dall Island	Watershed Length <u>1.5 miles</u> miles (polar planimeter)	
Drainage Area	oi watersned .9 sq.	miles (polar planimeter)	-
	vels not as high as inter	ound water and preicpitation supplement	<u>s.</u>
		ambed. Mid-section has some windfall b	
negotiable.	ey nouces wark up stre	ambed. Fird-section has some windfall b	ut is
	Notes Dark musker wat	er. Small stream with heavy side canop	Max
he possible to of	bserve fish on lake.	cr. budir stream with heavy side canop.	y. Hay
		osed conditions. Port Bazan is the near	rest
	age - 3 miles N.W.	Total State of the	
	en Surveyed 1st half o	f ebb.	market constitution of the
FISHERY RESOU			
Commercial .	Fisheries Sockeye, c	oho, pink, chum	-
37	***		
Escapement	Unknown - no records.		
Available spa	wning area - 70 M <sup>2</sup> position <u>Unknown</u>		
Species com	position unknown		<del></del>
Miming Ist	e - September, October		Marin deliveration of the state
Schooling a	mass School with fish d	estined for Essowah Lake system Possil	ble area
may be along a	south shore of point at mo	estined for Essowah Lake system. Possiluth.	bie alea
		itat. Unprotected area so would guess	
population min		itat: Unprotected area so would guess t	Lap
		observed in mouth of Essowah system.	
photo ribite	2 100 DOTTY VALUE AUGUS	obbetved in model of hisbowah byseem.	-
Land Use at	Present None		
History of		t mouth of Essowah lakes for trapping a	nd
recreation -			transferration in the state of
	ion Potential None ne	cessary as the windfall in the mid-sect	ion is not
a problem.			-
Soils Stab	le. Low laying topography	in the system.	
•			
GAME RESOURCES			
Boon	Fish agranged on hones	(old or fresh) on banks, estimate	_
Dear	Number of droppings	(Old of fresh) of banks, eschiate	
Coord	Number seen on tide flat		
Geese	Number seen up creek	D	
	Number of broods seen		-
Mallanda	Number of broods seen  Number seen on tide flat		
Mallards		5	
	Number seen up creek		
Managara	Number of broods seen	· Language of the second of th	
	Number of broods seen		
Hard Hagres-	Number seen along creek	loantion	
C2075	Number of nests seen and		
	Number seen at mouth of	to the same of the	200 yds.
Tage Flats -	Estimate length along be		10 feet
	Estimate depth out from	· · · · · · · · · · · · · · · · · · ·	10 Teet
	FAI DIESCE LINGCANI ON MINS	1 (100) [7:00] [1] [1] [1] [1]	1.1

				(S)	TREAM	INVENT	STREAM INVENTORY FORM	≨l			Observ Date:	Observers: Novak	Nov 1-75	ak	
				ZZ	ame: Es	Name: Essowah Pt. C Number: 104-10-25	Name: Essowah Pt. Creek Number: 104-10-25	eek			Temperature:	Hre	60° artly cl	: 60° Partly cloudy	
Station No.	П														
Pool Size/Type	3/2														
Riffle Type Width-Depth	20'W .9'D					٧.			·						,
Pool Riffle Frequency	3										,				·
Bottom Type (Riffle)	9/9		in the second			,							·		
Color/Turbidity	2/1													-	
Velocity	2														
Flow (C.F.S.)	est. 4											·			
Temp. (°F.)	53°														
hd	5														
Fry Abundance	·	7													
Benthos Sample No.															
Higher Plant Class	2*														
Aquatic Veg. Density Ident.	Н									·					
(1) Mosses (2) Algae	Н														

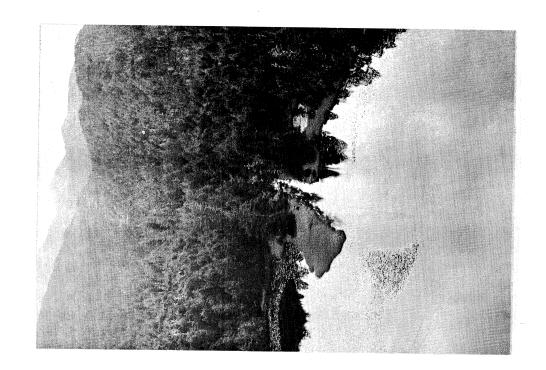
General Remarks (rehab., land use, barriers, log jams, etc.): \* Cedar, hemlock



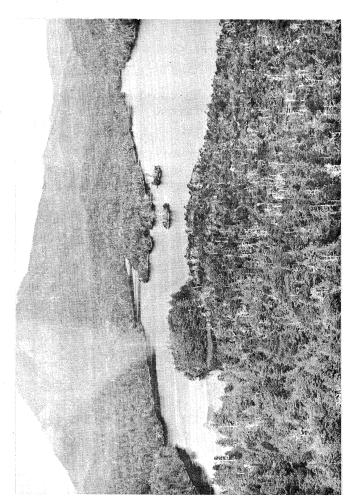
Security Cove -Head Stream mouth

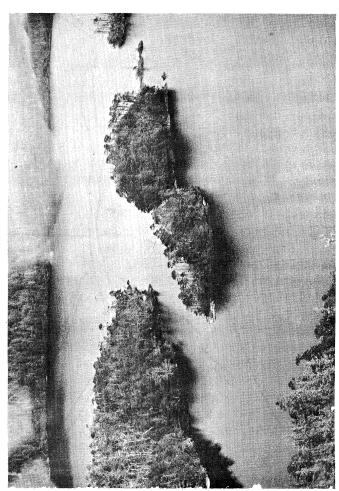


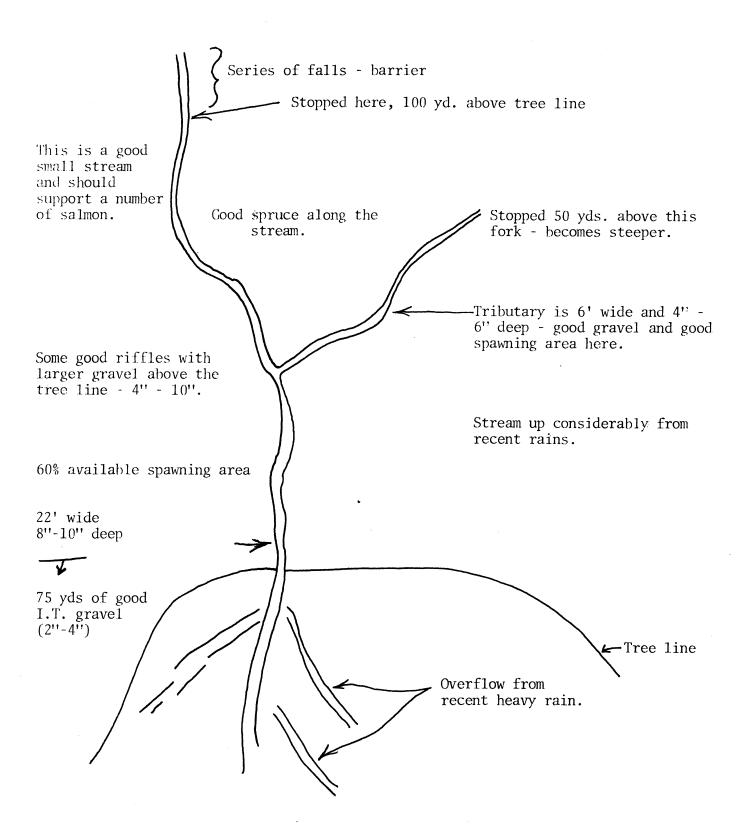




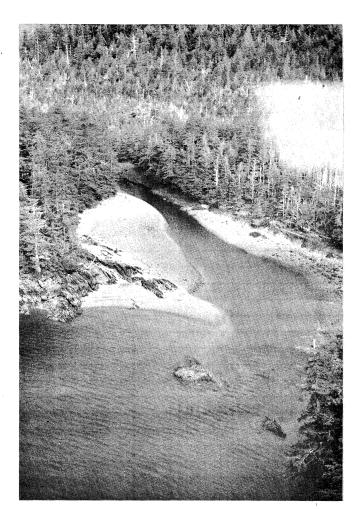
Security Cove Cr. Lake System

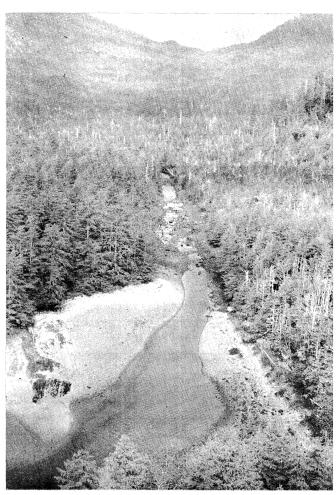




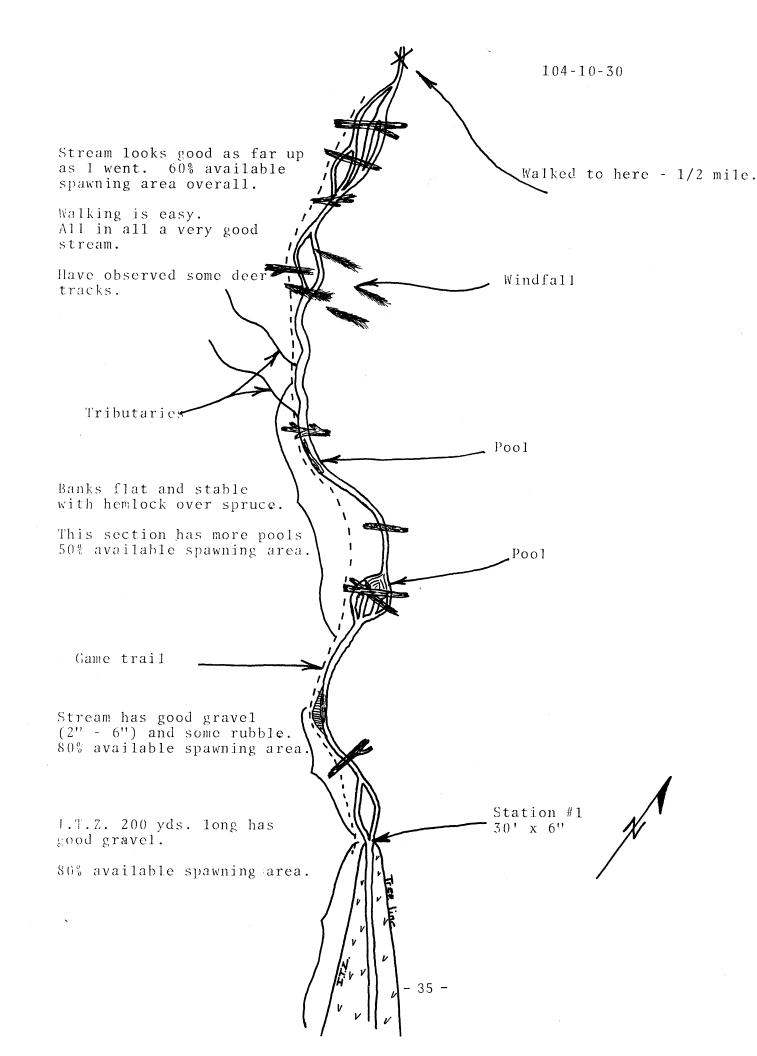


Name <u>Securi</u>	ty Cove - Head 4° 45' 04" 2° 49' 08"	Catalog No.	104-10-27	
Latitude5	4° 45' 04''	WK NO.		
Longitude 13	2° 49' 08''	11 110 •		
Geodetic Map	No.Dixon Ent - D-3	MOTH HIGGE K	etchikan	
Location West	Coast Dall Island	Watershed Le	ength 1.5 miles	
	of Watershed			-
warer pubbil	Type <u>Drains a lake</u>	e, precipitat	10n.	
Trails & Surv	ey Routes <u>Easiest wa</u>	alking is in	the stream or stre	eam banks
not too	brushy.			
Aerial Survey	Notes Could survey eying.	the I.T.Z. b	ut too brushy abov	ve this
Anchorage As the left	you enter Security Ba	y anchor in	the first small b	ight on
	en Surveyed <u>Low tide</u>	<u> </u>		
FISHERY RESOU				
Commercial	Fisheries <u>Unknown, p</u>	robably pink	. chum and coho.	
Escapement	500 at the mouth on 8	3-27-70.		···
Available s	pawning area - 293 M <sup>2</sup> position Probably pi	ink and chum		
opecates con	position riobably pr	ink and Cham.		
Timing L	ate			
Schooling a	reas Off the mouth.	,		
Shollfich D	ot ontipl Committee	1 1 4 7	1 1	
crah not	otential Somewhat ro	cky but coul	d be some clams.	No
Sport Fishe	s were set. ries <u>Unknown but no</u> t	much notent	ia1	tiflati entir renerativo atent hyperativativo negativativo accident
	Bue not	much potent		
Land Use at	Present None			
History of	Land Use None			
				•
Rehabilitat	ion Potential Toos	mall, not en	ough potential.	
Solls St	able to the point walk	ted.		
				-
GAME RESOURCES				
	This has a second and a second of	(-7-7 C1-)	11	
pear,	Fish carcasses or bones ( Number of droppings	(old or Iresn)	on panks, estimate _	0
Geese	Number of droppings Number seen on tide flats			0
accac	Number seen up creek	)		0 0
	Number of broods seen			0
Mallards	Number seen on tide flats	3		0
	Number seen up creek			0
	Number of broods seen		•	0
Mergansers -	Number of broods seen			0
C.5	Number seen along creek			0
•	Number of nests seen and	location	<del>-</del>	0
Seals	Number seen at mouth of s	stream		. 0
Tide flats -	Estimate length along bea			
	Estimate depth out from i			
	Eel grass present on what	a percent of fl	ats	5 %





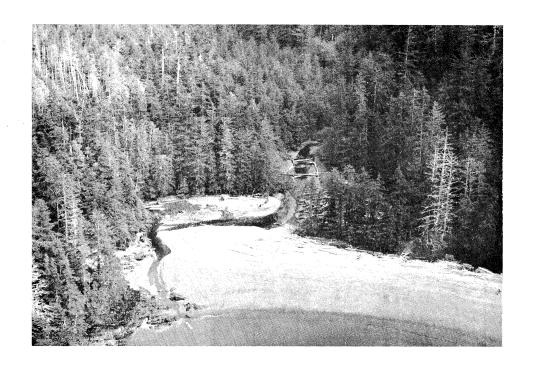
Mouth of Liscome Creek - 104-10-30



liame Lisc	ome Creek	Catalog No104-10-30	
Latitude N	540 421 47!!	WR No.	
Longitude w	54° 42' 47'' ; 32° 48' 35''	K No.	
Geodetic Map 1	No. Dixon Ent. C-2	Work Area Ketchikan	
Location W. C	oast Dall Island	Work Area <u>Ketchikan</u> Watershed Length <u>3 mile</u> s	S
Drainage Area	of Watershed		
Water Supply ?	TypeRunoff		
Profle & Surve	ay Routes Come And	÷1	
Trails & Surve	ey nouves Game tra	il on west bank.	
Acrial Survey	Notes <u>Aerial visi</u>	bility should be good.	
Anchorage	None in cove.		
Tide Stage Wh	en Surveyed <u>high</u>	tide, ebbing	
FISHERY RESOU	RCES		
		to pink, chum, and coho	
Escapement_		ea - 3,678 M <sup>2</sup>	
Species Com	position		
Dimine	No record		And the same transfer of the s
Schooling a	reas Mouth of hav	, either north or south point	
penooring a	reas Modell of Bay	, etener north or south point	<u> </u>
Shellfish P		rock and cobblestone	
Sport Fishe	ries		
Land Use at	Present None		Anna and the same of the same
History of	Land Use None		
Rehabilitat	ion Potential Log rs at present.	jam in windfall may cause trou	
Soils Ban	ks flat and stable.		
DOEED			
design paradicidan disan disan disance and a second			
GAME RESOURCES			
Bear	Fish carcasses or bones	(old or fresh) on banks, estimate	0
2000	Number of droppings	(024 01 11 0511) 011 241110, 000211200	0
Geese	Number seen on tide fla	ts	0
	Number seen up creek		0
	Number of broods seen		0
Mallards	Number seen on tide fla	ts	0
	Number seen up creek		0
	Number of broods seen		0
Mergansers -	Number of broods seen		0
Bald Eagles-	Number seen along creek		0
	Number of nests seen ar		0
Seals	Number seen at mouth of		. 0
	Estimate length along b		200 yds.
	Estimate depth out from		10 ft.
	Fel grass present on wh		0

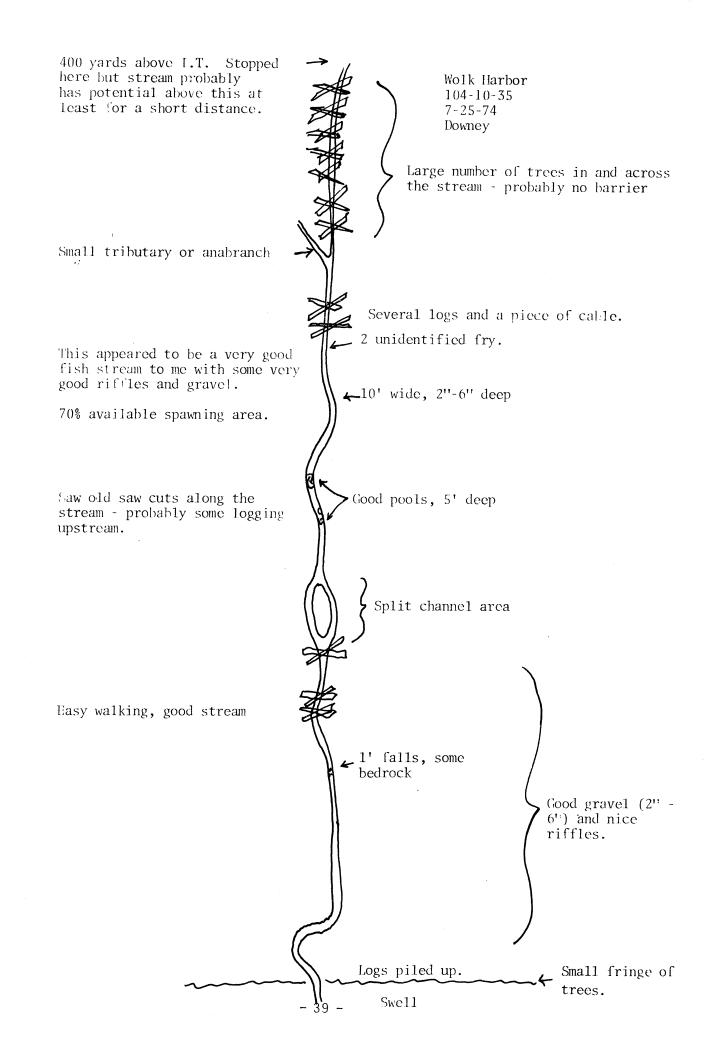
STREAM INVE RY FORM Observers: Joyner  Date: 7-25-74  Name: Liscome  Weather: Overcast			M D					2				
	Station No. 1	oct Size/Type 2	Xiffle Type30'WWidth - Depth8" D	Pool Riffle 3	Colcr/Turbidity 1/1	Velocity 2	Flow (C.F.S.)	Temp. (07.) 57°	<u></u>	Fry Abundance 0	Higher Plant.	2

General Remarks (rehab., land use, barriers, log jams, etc.):





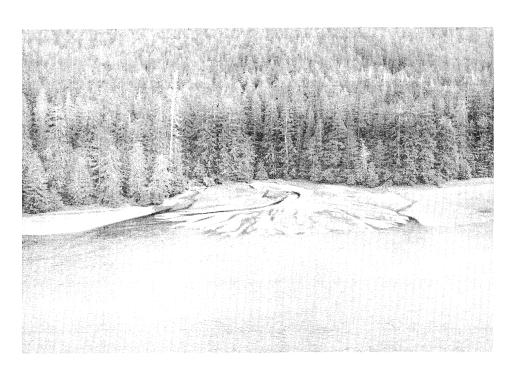
Wolk Harbor 104-10-35



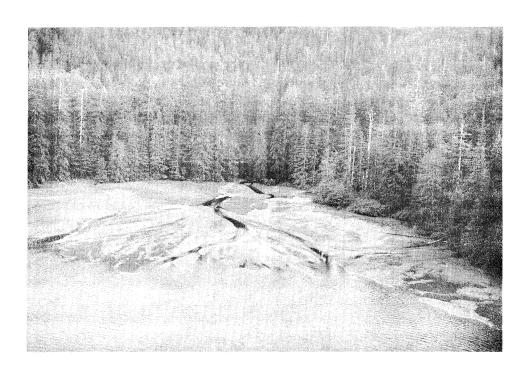
Name Wolk H			104-10-35	
Latitude	54° 41' 48'' WR	No.		-
Longitude <u>1</u>	32° 45' 17'' K	No.		
Geodetic Map 1	lo. Dixon Ent. C-3 Wo	ck Area Ketc	hikan	
Location West	Coast of Dall Island Wa	tershed Lengt	h 2.25 mile:	S
	of Watershed			
Water Supply !	ype <u>Springs, precipita</u>	tion.		
Trails & Surve	y Routes <u>Easy to walk</u>	in and along	the stream.	
Agaigl Survey	Notes Could possibly s	urvov with a	holicontor	d IT can
he surveyed by	nlane.			
Anchorage	No anchorage anywhere in	this area -	run to Securi	tv Cove.
Refer to navig	ation chart #8146 and Al	aska Coast Pi	lot.	
Tide Stage Who	ation chart #8146 and Al en Surveyed Tide just s	tarting to eb	b.	
FISHERY RESOU				
	Fisheries <u> Unknown but a</u>	good emall e	tream and choi	11d
sunnort nin	k, chum and coho.	good smarr s	LICAM AND SHOP	4.4
Escapement	Unknown	A CONTRACT AND A CONTRACT AND A CONTRACT OF THE ACT OF		de sur manuschen mitten einkum die sunschland in gener 1900.
Available spa	wning area - 780 M <sup>2</sup>	ga and design from the first of the second and the		
Species Com	oosition <u>Unknown</u>			
Timing La	te			Phonositically the confirmation of the Confirmation of the State of the Confirmation o
Schooling a	reas Off the mouth or	a couple of g	ood pools wit	hin the
stream.				
	otential <u>Too sandy with</u>	<u>too much swe</u>	<u>ll except for</u>	possibly
abolone in	this area.			
Sport Fishe	ries Unknown but isn't	a large stre	am, so potent:	ial should
	r for much of a sport fi	shery.	·	-
Land Use at	Present None			
Water of	Land Use There appears	to have been	some logging	activity
along the u	nner nortion of the stre	am	Joine Togging	accivicy
Repabilitat	pper portion of the stre ion Potential None - o	kav as is.		
Trollab Lalaba			are a continue or the time provides and continue or the order to the o	interpretage and control of an interpretage in the control of the
Soils Stab	le to the point walked.			
g programming significant and determined				
GAME RESOURCES				
	Fish carcasses or bones (old	ion frach) on h	anka estimate	0
Dear,	Number of droppings	i or iresu) on b	arms, estimate	0
Geese	Number seen on tide flats			0
accec	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide flats			0
C ACCUSE SECURE NO REP	Number seen up creek			0
	Number of broods seen			0
Mergansers -	Number of broods seen			0
	Number seen along creek			0
	Number of nests seen and lo			0
Seals	Number seen at mouth of stre	eam		. 0
Tide flats -	Estimate length along beach			
	Estimate depth out from beac			
	Eel grass present on what pe	ercent of flats		

Name: Molt Harbor. Temperature: 53   Number: 104-10-35   Weather: 0verce   53   Number: 104-10-35     19 W					ωI	STREAM INVEN	INVEN	Y FORM	Σl		Observers: Date:	Dow 7-7-7	ney 7.1	
1 19'W 19'W 3 3 4 4 4 7.29 12.72 51° 5 8-2 8-2 11 12.72 51° 7.29 12.72 51° 51° 7.29	•				ZZ	ame:	Volk H 104-1	arbor 0-35	1		Temperatur Weather:	e: 53° Overca	- 1.s.t	
e 2/2 19.W 5.D 3 4 4 7.29 12.72 51 6 7.29 6 7.29 7.29 7.29 7.29 7.29 7.29 7.29 7.29	η No.	1												
19'W .5'D  3  4  4  7.29  12.72  51°  51°  0  0  1  1	Pool Size/Type	2/2						·						
3 4 1/1 7.29 12.72 51° 8-2 8-2 1 1	Riffle Type Width-Depth	19'W .5'D					,							
ty 1/1  7.29  12.72  51°  60  0  1  1  1  1  1  1  1  1  1  1  1  1	Pool Riffle Frequency	3								·				
ty 1/1	Bottom Type (Riffle)	4												
	Color/Turbidity	1/1												
	Velocity	7.29				*.								
		12.72		·										
	(°F.)	51°							en de la decembra					
		ıv												
0 0 7	ındance	8-2												
2 /	Benthos Sample No.	0												
2	Plant	1												
	c Veg.	2	***************************************						er Principal de la compansa de la c	Problem (In the control of the contr				

General Remarks (rehab., land use, barriers, log jams, etc.):



LEFT HEAD SEA OTTER HARBOR



RIGHT HEAD SEA OTTER HARBOR HOOK ARM

Sea Otter Harbor Right Head of Hook Arm 104-20-05 7-20-74 Downey

Stopped 300 yds. above I.T.
Stream gets small but continues
on.

L<sub>3'</sub> wide, 6" deep.

A very nice small stream with some excellent riffles and gravel. Good pools and rearing area. Saw several unidentified fry in pools -- not coho or Dolly Varden --

Gravel is 2" - 4"

Very brushy banks, almost cover the stream near the upper end.

A few old fish bones on the banks -- bear trail also.

Stream banks stable and has flat gradient.

Should be normal to low flow.

difficult to get around.

stream. No block but are

Two large trees across

← 5' wide, 6" deep

← 8' wide, 4" - 6" deep

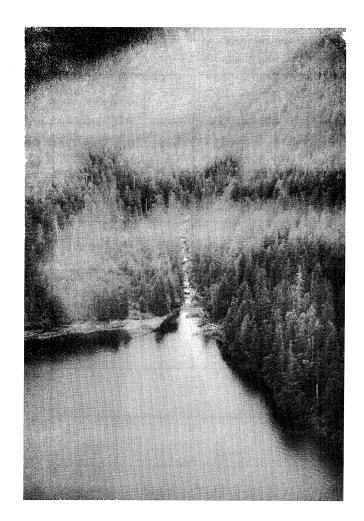
Good larger size flats. 500 yds. wide.

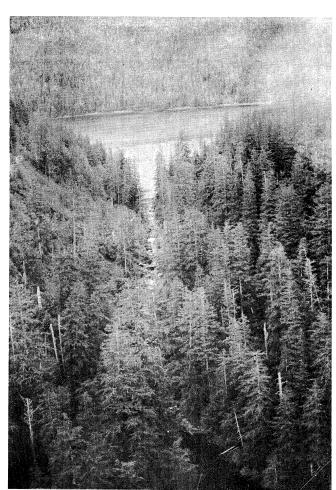
- 43 -

Name Sea Otte	r Hbr - Hook Arm 55° 07' 15" 33° 06' 47"	Catalog No.	104-20-05	
Latitude	55° 0/' 15''	WR No.		
Longitude 1	33 06 47"	11 110 •		
Geodetic Map .	No. Craig A-4	Work Area Ketc	ḥikan	
Location West	Coast Dall Island	Work Area <u>Ketc</u> Watershed Lengt	n = 3/4  mile	
Drainage Area		• 1		
water Supply	Type Springs, preci	pitation.		
Trails & Surv	ey Routes <u>Very brus</u>	hy banks, walk i	n the stream.	
	Notes Too small an			
Anchorage	Refer to navigation c	hart #8148 and t	he Alaska Coas	t Pilot.
Anchorage is	behind Channel Island	or at the head	of the bay.	
Tide Stage Wh	en Surveyed <u>Low tid</u>	.e.		
FISHERY RESOU				
Commercial	Fisheries <u>Should be</u>	pink, chum and	coho.	
Escapement Available s	300 chums at the magazine 300 pawning area - 209 M <sup>2</sup>			
Species Com	position Unknown	triga gidigatin Prish tiladi dika shiftirka Malga sarkas dika sayakay, afayras masar dikay suradi angung, maka		
opoomes com	p o size z o n o n mown			
Timing	Would be late.			
Schooling a	reas Off the mouth	and pools withi	n the stream.	
01 . 17.01 . 1. 10				
Shellish P	otential <u>Clams in t</u>	he I.T. area. Ab	alone in the a	djacent
area. Set	2 crab pots catching	a dozen shrimp i	n 15 fathoms -	no crab.
Sport rishe	ries <u>Unknown, but w</u>	ould be limited	due to small s	ize
of the stre	am. Present None			
History of	Land Use None	andere value en des des la production de production de production de des conferences de la conference de production de la conference de la con		
Rehabilitat	ion Potential None -	too cmall and a	nnoans to be a	le on in
	NOTE	LUU SIIIAIT AIIU A	ppears to be o	.K. as Is.
Soils F1	at gradient and strea	m banks were sta	ble to the noi	nt where
I stopped w	alking.			
GAME RESOURCES				
Bear	Fish carcasses or bones	(old or fresh) on b	anks, estimate	10
	Number of droppings	(0.20, 0.2, 0.2, 0.1, 0.		0
Geese	Number seen on tide flat	SS	•	0
	Number seen up creek		•	0
	Number of broods seen		•	0
Mallards	Number seen on tide flat	SS	-	0
	Number seen up creek		-	0
	Number of broods seen		•	0
Mergansers -	Number of broods seen		•	0
	Number seen along creek			0
	Number of nests seen and	llocation	•	0
Seals	Number seen at mouth of		•	2
	Estimate length along be			
	Estimate depth out from		•	
	Eel grass present on wha		•	ann anglandista ng dan garina nangkambana tinambankana ang

Observers: Downey Date: 7-20-74	Temperature:	Wearler: OVEICASE																
STREAM INVEL Y FORM	Name: <u>Head Hook (D</u> all)	Number: $104 - 20 - 05$																
			Station No.	Pool Size/Type 2/2	Riffle Type 8'W Width-Depth .25'D	Pool Riffle Frequency	Bottom Type (Riffle) 4	Color/Turbidity 1/1	Velocity	25 Flow (C.F.S.) 1 76	1	pH 7	Fry Abundance 8-6	Benthos Sample No. 0	Higher Plant class	Aquatic Veg. 1	Ident.	(2) Algae 2

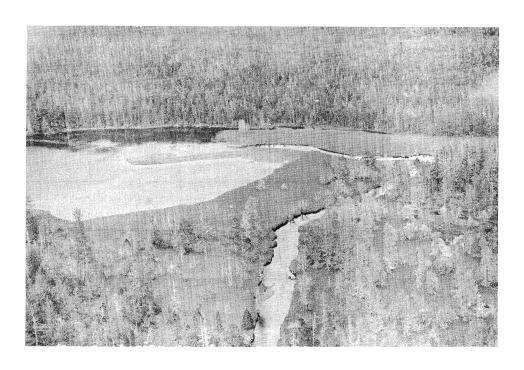
General Remarks (rehab., land use, barriers, log jams, etc.):





104-20-10

Drainage from lake into Manhattan Arm



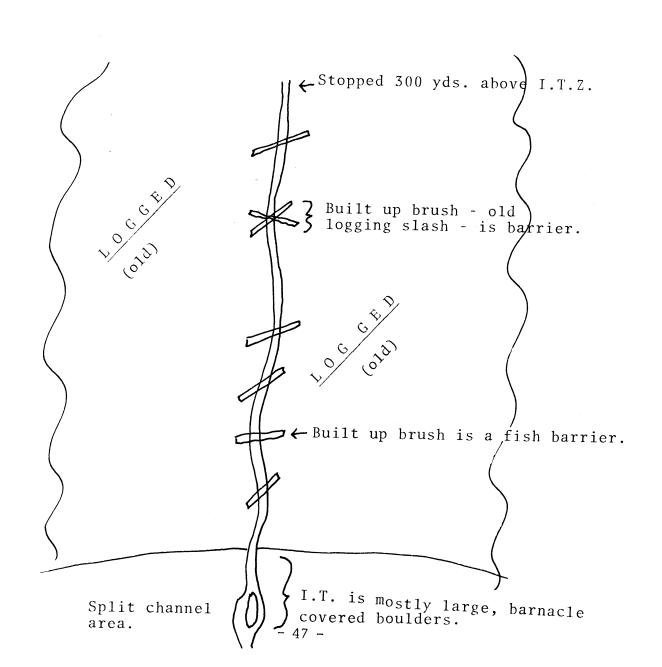
Inlet to Lake

Sea Otter Harbor Manhattan Arm 'Drains Manhattan Lake' 104-20-10 7-20-74 Downey

Mostly large boulders and bedrock. Moderately steep gradient. Not much good gravel.

Much slash and debris in the stream.

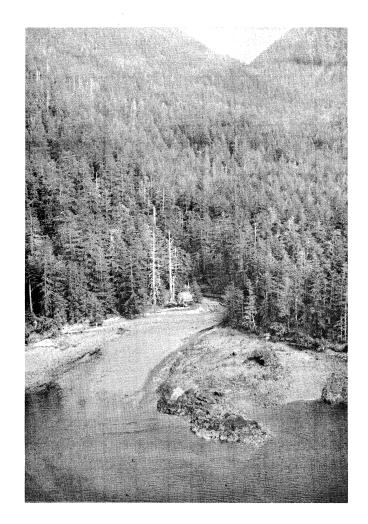
10% available spawning area.



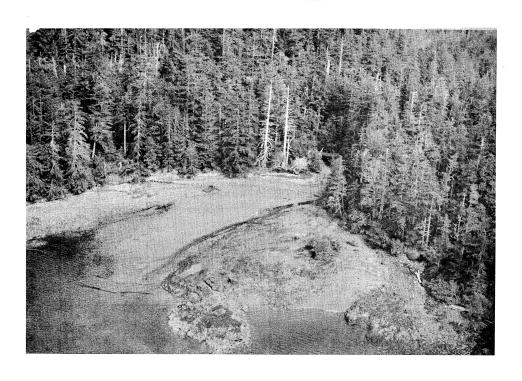
Name <u>Sea Otte</u>	Catalog No. 104-20-10  55° 05' 53" WR No.  133° 08' 28" K No.  No. Craig A-4 Work Area Ketchikan  Coast of Dall Island Watershed Length 1/4 mile
Latitude	55° 05' 53" WR NO.
Longitude	133° 08' 28" K No.
Geodetic Map	No. Craig A-4 Work Area Ketchikan
Location West	Coast of Dall Island Watershed Length 1/4 mile
	of Watershed
water Supply	TypeLake.
Trails & Surv	ey Routes Very difficult to walk due to large slippery
boulders, gra	adient, and debris in the stream. Walk in the stream.
Aerial Survey	Notes Both sides of the stream have been logged so it
could be aer	ial surveyed.
Anchorage	Refer to navigation chart #8148 and the Alaska Coast Pilot.
There appears	s to be an anchorage off the mouth of Manhattan Creek. en Surveyed 1/3 tide and ebbing.
FISHERY RESOU	
Commercial	Fisheries <u>Unknown - possibly all species except king salm</u> on.
Escapement	2500 at mouth on 8-27-70: This survey has mistakenly
been previous	sly recorded to stream 104-20-18 (which does not exist.)
	Available spawning area - 18 M <sup>2</sup> (to 1st barrier)
Species compos	sition - Unknown
Timing Wo	reas Off the mouth or pools within the stream.
Schooling a	reas Off the mouth or pools within the stream.
Shallfish P	otential Poor - too rocky. Abalone in the adjacent area.
DIGITITION 1	ovential 1001 too rocky. Abarone in the adjacent area.
Sport Fishe	ries Unknown. This is a larger system and if the fish
	e removed it could have some potential.
Land Use at	PresentNone
History of	Land Use Both sides of the stream are logged to as far
up as I wai	lked.
	ion Potential I wasn't very impressed with the available
spawning at	rea on the portion I surveyed, however, fish blocks could be
Soils Mode	erately steep gradient and soils semi-stable /removed.
particular.	ly in logged area.
GAME RESOURCES	
Bear	Fish carcasses or bones (old or fresh) on banks, estimate 0
	Number of droppings 0
Geese	Number seen on tide flats0
	Number seen up creek 0
	Number of broods seen 0
Mallards	Number seen on tide flats0
	Number seen up creek 0
P.(1000100000000000000000000000000000000	Number of broods seen 0
Mergansers -	Number of broods seen 0
Bald Eagles-	Number seen along creek 0
n Lang	Number of nests seen and location 0  Number seen at mouth of stream 0
Seals Tide flats -	to the second se
1106 11902 -	Estimate length along beach  Estimate depth out from beach  -
	Eel grass present on what percent of flats
	Ter Prese brepair of with bereein of 11400

1			<del></del>													<del></del>	-1
. 1																***************************************	
X	t						-							·			
Downey - 20-74	Temperature: Weather: Overcast										·						1
3: I	re: 0ve															******	-
Observers:7777	erati her:				· ,											<del></del>	-
Observ Date:	Temp																
																	-
Y FORM	Name: Manhattan Arm Number: 104-20-10																-
	Name: Manhattan Number: 104-20-10		·													A-11	_
INVEN	fanhe 104-			,													
STREAM INVEN	ne: Noner:						,							: .		•	
STI	Nar																
																	-
																-	_
												-	·				
		-	2/1	22'W .60'D	52	5/6	1/1		13.46		7			2.	1	\	2
		<u> </u>	(1)										-,				1
		No.	Pool Size/Type	ype	fle y	уре	Color/Turbidity		Flow (C.F.S.)	· ·		Fry Abundance	ċ	lant	Veg.	sses	gae
		Station No.	l Siz	Riffle Type Width-Depth	Pool Riffle Frequency	Bottom Type (Riffle)	or/Tu	Velocity	» (C.]			Abum	Benthos Sample No.	Higher Plant Class	Aquatic Veg. Density	Ident. (1) Mosses	2) A1
		Sta	Poo	Rif	Poo Fre	Bot (Ri	\ \ \ \ \ \ \	Vel	Flo	- Tem	hd	Fry	Ben	Hig. Cla	Aqu	HÝ	)
									7.5	,							

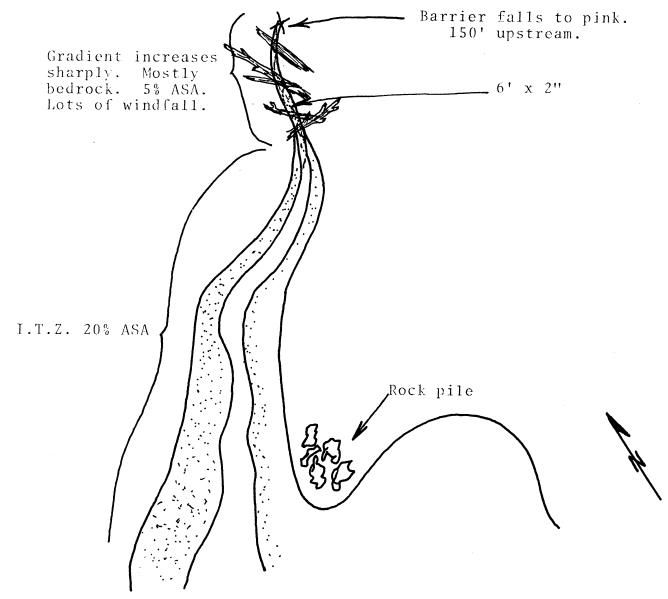
General Remarks (rehab., land use, barriers, log jams, etc.):



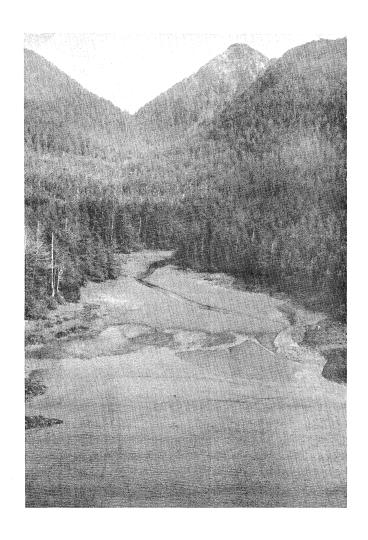
MOUTH OF SAKIE BAY CREEK - LEFT HEAD



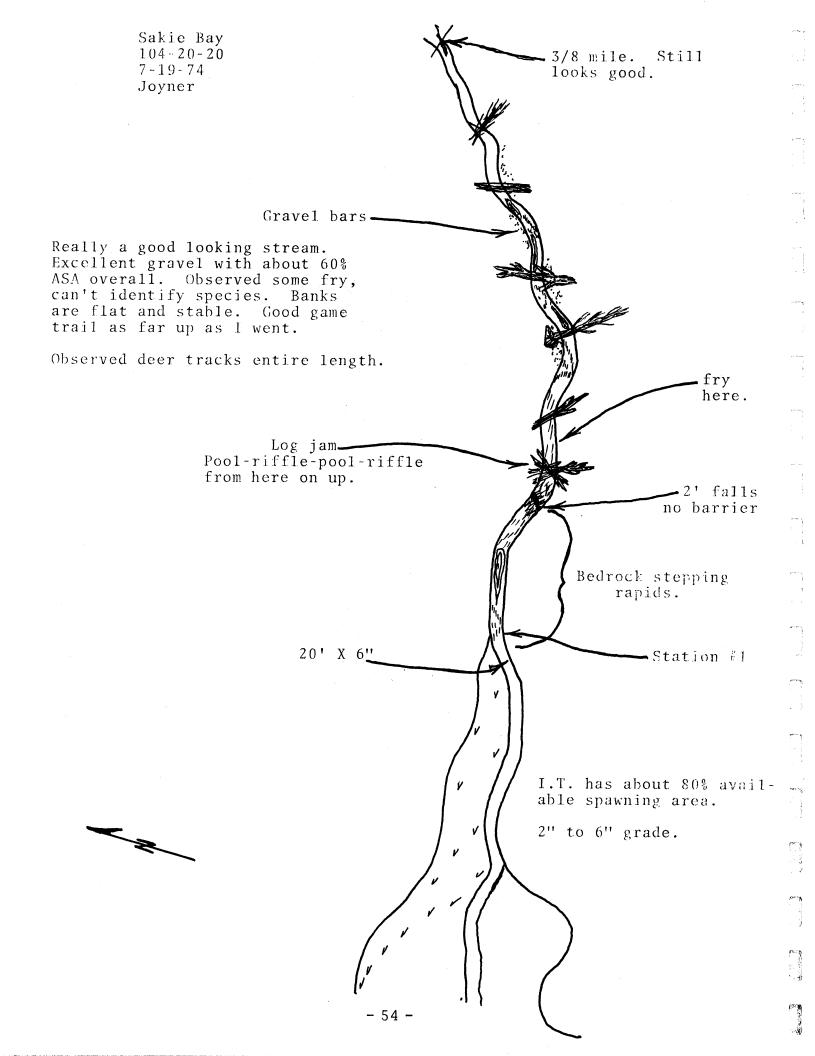
Sakie Bay - Left Head 104-20-15 7-19-74 Joyner



Name Sakie	Bay - Left Head       Catalog         55° 03' 33"       WR No         133° 10' 10"       K No.	og No.	104-20-15	
Lauritude W	133° 10' 10" K No.	*		
Geodetic Man	No Craig A-A Work	Area Vot	h : 1	
Location W.	133° 10' 10" K No.  No. Craig A-4 Work R  Coast Dall Island Water	shed Lengt	h	
Drainage Area	of Watershed			
Water Supply	Type Precipitation			
Trails & Surv	e <b>y</b> Routes None			
	Notes Bottom dark and st			
Anchorage	None in Bay.			
	en Surveyed <u>3/4 high and f</u>			
		TOOUTING.		
FISHERY RESOU Commercial	RCES Fisheries			
				The state of the s
Available	spawning area - 33 M <sup>2</sup>			retirentinations or termination or the property of the second
Species Com	position			
131 2 2	reas			
Timing	1900 B			
Shellfish H	otential			
Sport Fishe	ries			
Dand Use at	Present None			
	Land Use None			
Rehabilitat	ion Potential			
Soils <u>Bed</u>	rock - stable.			
and varie manage care resourced to Medice				
GAME RESOURCES				
Bear	Fish carcasses or bones (old or	fresh) on ba	anks, estimate	0
Coore	Number of droppings			0
Geese	Number seen on tide flats Number seen up creek			0
	Number of broods seen			0
Mallards				0
	Number seen up creek			0
	Number of broods seen			0
Mergansers -				0
Bald Eagles-				0
	Number of nests seen and location	n		0
Seals	the state of the s			
Tide flats -	Estimate length along beach			
	Estimate depth out from beach			
	Eel grass present on what percer	it of flats		0



SAKIE BAY - RIGHT



Name Sakie	Creek - Rt. Head	Catalog No. 104-20-20	
Longitude W	1 55° 03' 14" 7133° 10' 00"	WIL 140.	
Geodetic Map	NO. Craiσ - Δ-1	Work Area Katalia	
LIOUGULUII II.	bast parr island	Watershed Length	
Drainage Area	a of Watershed		
Water Supply	Type <u>Precipitation</u>		
Trails & Surv	vey Routes Good game	e trail on north side of stream	1.
		ey should be no problem.	
		gh and flooding	-
FISHERY RESOURCE	JRCES Fisheries		
	Available spawnin		
Species Cor	mposition <u>Available t</u>	to pink, chum, and coho salmon.	
Timing No	record.		
Schooling a	areas		
Shellfish l	Potential Clams and	dungeness crab.	
Sport Fishe	eries <u>Cutthroat and</u>	Dolly Varden	
Land Use at	Present None		
History of	Land Use None		
		needed.	
Soils Sta			
d vitt for 40 controllitigation by allowed a fin Assessmen			
GAME RESOURCES			
Bear	Fish carcasses or bones Number of droppings	(old or fresh) on banks, estimate	0
Geese	Number of droppings  Number seen on tide fla	te	0
	Number seen up creek	.55	0
	Number of broods seen		0
Mallards	Number seen on tide fla	ts	0
	Number seen up creek	•	
	Number of broods seen		0
Mergansers -	Number of broods seen	•	0
Bald Eagles-	Number seen along creek		0
	Number of nests seen an	d location	0
Seals	Number seen at mouth of	'stream	. 0
Tide flats -	Estimate length along b	each	-
	Estimate depth out from	beach	
	Eel grass present on wh	at percent of flats	15%

Observers: Date: 7-1 IRY FORM STREAM INVE

Name: Sakie Bay

Number: 104-20-20

Clear Temperature: 60° Weather:

Joyner

					-	-	-						
Station No.					e garel ann anna			-					
ocl Size/Type	2/2										·		
Riffle Type	20W												
Pool Riffle	6 67.	<del>                                     </del>											
Sottom Type (Riffle)	1								(		All a		
Color/Turbidity			-			w 3c							
Velocity	2												
Slow (C.F.S.)	6.5			5									
Temp. (oF.)	and the same of th							2				-	
::: Eu													
gry Abundance	n												
Fenthos Sample No.	ı												

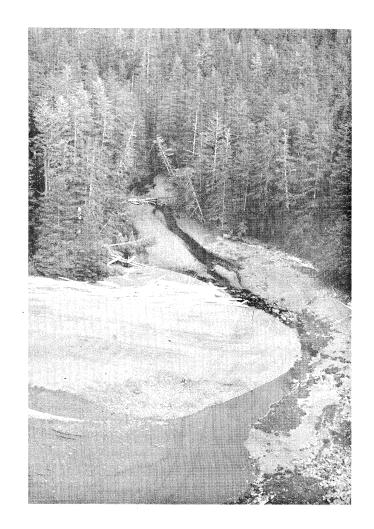
General Remarks (rehab., land use, barriers, log jams, etc.):

7

Higher Plant

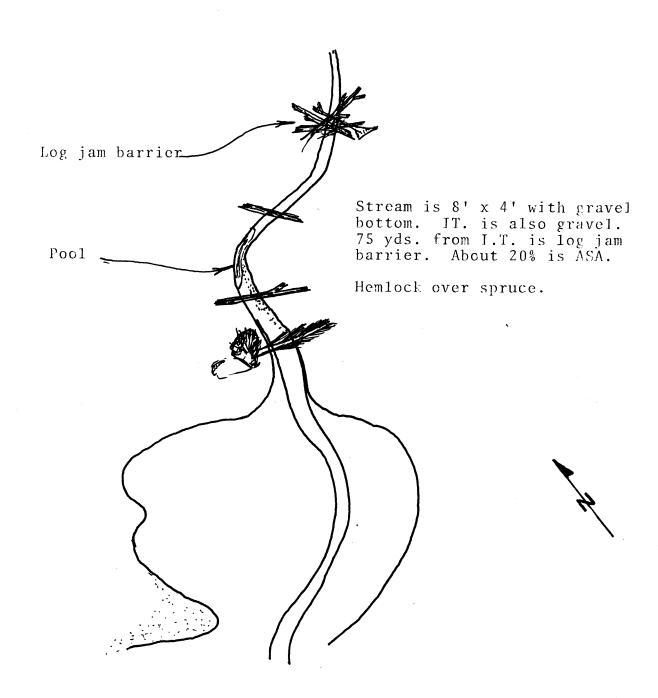
Class

Aquatic Veg.
Density
Ident.
(1) Mosses
(2) Algae

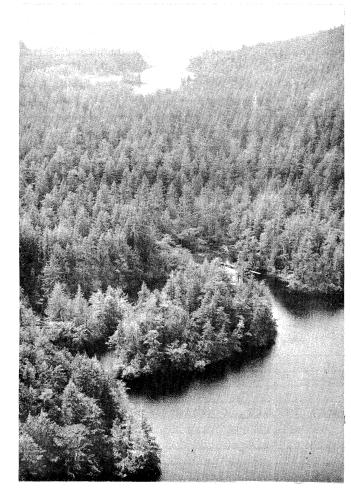


FISHERMANS COVE CRK.

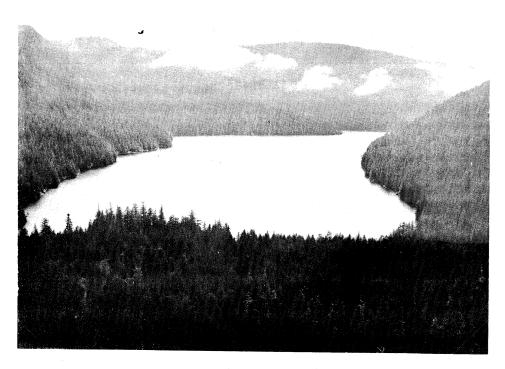
Fishermans Cove Creek 104-20-25 Joyner 7-19-74



Name Fisher	cmans       Cove       Creek       Creek         N       55° 01' 50"       W         W       133° 09' 25"       K	Catalog No.	104-20-25	-
Labitude	N 55° 01' 50" W	/II NO.		
Hongatude	W 133° 09' 25''	1 110 •		
Geodetic Map	No. Craig - A-4 W	lork Area	Ketchikan	
Location W.	Loast Dall Island	latershed Le	ngth	
	or watershed			
Water Supply	Type Runoff			
Trails & Surv	ey Routes None			
Acrial Survey	Notes Aerial survey	may not be	possible due to	canopy.
	None in cove.			
	en Surveyed Slack, hi	ign tide.		
FISHERY RESOU				
commercial	Fisheries <u>Available to</u>	pink , chu	m, and coho salm	on.
Escapement_				
Available s	pawning area - 33 M2			
Species Com	position Pinks and col	10		
Timing No	rocord			
	reas No record			
Shellfish F	otential <u>Very little</u> ,	cobble sto	ne I.T.	
	ries			The State of the S
	•			
Land Use at	Present None			
History of.	Land Use None			
Rehabilitat	ion Potential Good, lo	o iam needs	to he removed	
		g jam needs	to be removed.	
Scils Ba	nks stable.			
GAME RESOURCES				
Bear	Fish carcasses or bones (of	ld or fresh) c	n banks, estimate	0
	Number of droppings			0
Geese	Number seen on tide flats			0
	Number seen up creek			0
	Number of broods seen			0
Pallards				0
	Number seen up creek			0
2.7	Number of broods seen			0
	Number of broods seen	•		0
Bald Eagles—	Number seen along creek			0
C - 3	Number of nests seen and l			0
	Number seen at mouth of st			0
Tade flats -	Estimate length along beach			150 yds
	Estimate depth out from bea			_
	Eel grass present on what	percent of fla	ts.	0%



Mouth of DEVIL'sLAKE Saltwater in back-ground.

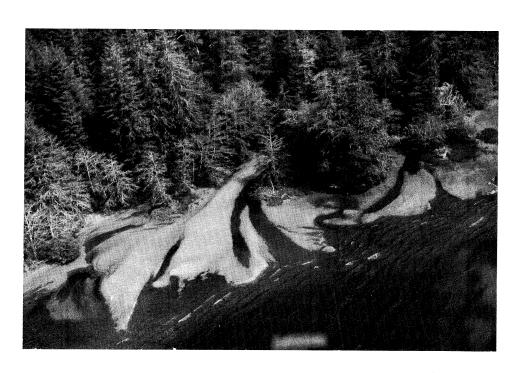


DEVIL's LAKE Head



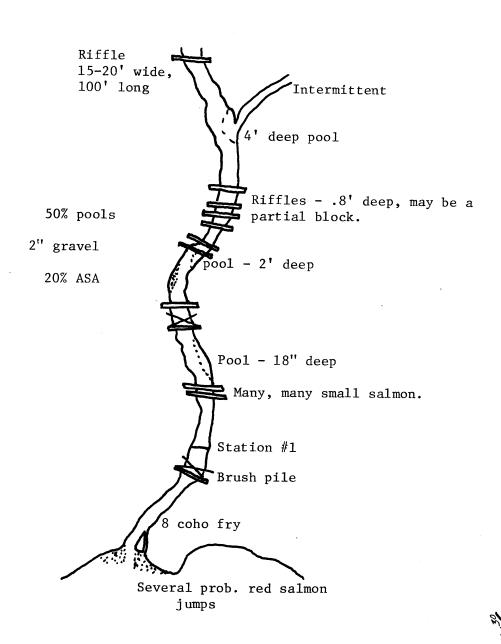
Mouth of Little Devils Lake stream in Devils Lake.

•



Mouth of Devil's Lake head stream

Devil's Lake Head Stream 104-20-30 Novak, Downey, R. Larson 8-10-75



Observers: Novak, Downey, R.Larson Date: 8-10-75 Jace. Temperature: Overcast. Date: Name: Devil's Lake Hd. Stream Number: 104-20-30 36.97 25'W 100-8 3/1 1/1 48° ന 4 5 Color/Turbidity Pool Size/Type Fry Abundance 9 Flow (C.F.S.) Density Ident. (1) Mosses (2) Algae Higher Plant Class Bottom Type (Riffle) Aquatic Veg. Riffle Type Width-Depth Pool Riffle Temp. (°F.) Station No. Sample No. Frequency Velocity Benthos

STREAM INVENTORY FORM

General Remarks (rehab., land use, barriers, log jams, etc.):

Name <u>Devil'</u>	s Lake Head Stream Catalog No. 104-20-3	0
Latitude N	55° 00' 26" (for system) WR No.   None   133° 03' 55" (for system) K No.   None	
Longitude W	133° 03' 55" (for system) K No. None	
Geodetic Map	No. Craig A-4 Work Area Ketchikan	
Location W. co	ast Dall Is. Devils Lake Head tershed Length 1.75 of Watershed 2.25 square miles	miles
Drainage Area	of Watershed 2.25 square miles	
water Supply	Type Precipitation	
Trails & Surv	ey Routes Stream is relatively easy to walk in norm	al water levels.
Aerial Survey	Notes May be able to see fish on delta but stream	itself is too
small with	too much overhead cover.	
Anchorage	Stream empties into lake.	
Tide Stage Wh	en Surveyed HIGH	
FISHERY RESOU	RCES	
Commercial	Fisheries Many fry seen in creek. Several salmon j	umps off stream
mouth in lake	- probably sockeye. Should be utilized by pinks, sock	eye and coho.
Escapement	Past escapements unknown.	
Available s	spawning area - 724 M <sup>2</sup>	
Species Com	position Unknown. Evidence of sockeye adults and	coho fry.
Timing Mid		
perioottiig a	reas <u>Several jumps observed immediately SE of strea</u>	m_mouth.
Shellfish P	otential <u>none</u>	
Sport Fishe	ries Several trout seen - could be good.	
Land Use at	Present None	
History of	Land Use Unknown	
	UIRIIO WII	
Rehabilitat	ion Potential No rehab. needed to increase fishe	ries production.
Soils Land	forms steep at upper end, some downstream gravel transp	ort evident but
generally sta	ble banks.	
GAME RESOURCES		
Bear	Fish carcasses or bones (old or fresh) on banks, estim	mate o
17001	Number of droppings	mate 0
Geese	Number seen on tide flats	0
3	Number seen up creek	0
	Number of broods seen	0
Mallards	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Mergansers -	Number of broods seen	0
Bald Eagles-	Number seen along creek	0
•	Number of nests seen and location	0
	Number seen at mouth of stream	0
Tide flats -	Estimate length along beach	0
	Estimate depth out from beach	0
	Eel grass present on what percent of flats	0



Mouth of Welcome Lake



Drainage out of Welcome Lake

Welcome Cove 104-20-35 7-20-74 Downey

stopped 3/8 mile

Appears to continue steeply but could have some more spawning area above.

25% available spawning area

Stream banks don't appear to be unstable, but they must be with all the trees in and across the stream.

Gravel is more shale-like than regular gravel.

Walk in the stream, and walking is difficult due to very brushy banks and moderately heavy windfall in and across the stream.

75 yds of intermittent bedrock cascade.

Sprif channel area.

Split channel area.

← 35' wide, 6" deep

-Braided and very mossy in the I.T

- 67 **-**

Name <u>Welcom</u>	ne Cove	Catalog No.	104-20-35	
Latitude	54° 58' 46'' 133° 08' 44'' No. Dixon Ent. D-4	WR No		
Longitude	133° 08' 44''	K No.		
Geodetic Map	No. Dixon Ent. D-4	Work Area	Ketchikan	
Location West	: Coast Dall Island	watershed Le	ngth 2 miles	
Drainage Area	of Watershed			
Water Supply	Type <u>Lake</u>			
Trails & Surv	ey Routes Walk in t	<u>ne stream and v</u>	walking is diffi	<u>cult due t</u> o
very brushy b	oanks and moderately l Notes Too small and	neavy windfall	in and across t	<u>he stream.</u>
Aerial Survey	Notes Too small and	<u>l brushy above</u>	the intertidal	zone
to aerial sur	vey.			
Anchorage	No anchorage here, ru	in to the head	of Waterfall Ba	<u>y. Refer</u>
to navigation	chart #8148 and the	<u> Alaska Coast I</u>	Pilot.	
Tide Stage Wh	nen Surveyed 2/3 out	and ebbing.		
FISHERY RESOU	IRCES			
	Fisheries <u>Unknown</u>			
Escapement_	Unknown			
Available sp	pawning area - 1,149 M <sup>2</sup>			
Species Com	position Unkr	nown		
Timing W	ould be late.			
Schooling a	ould be late. reas Off the mout	th and pools wi	ithin the stream	
Shellfish P	Potential <u>Clams in t</u>	the intertidal	area and abalon	<u>e in the</u>
adjacent ar	rea.  Pries Unknown - not			
Sport Fishe	eries <u>Unknown - not</u>	t a very big st	ream so is prob	<u>ably limit</u> ed
except 101	the take system.	· · · · · · · · · · · · · · · · · · ·	·	
Land Use at	Present None			
Wistony of	Land Use None			
nitscory or	Land Use None			
Rehabilitat	ion Potential None	e - moderate de	bris in and acre	oss the stream
but no barr	iers.		Jor 10 111 dild dell	Jos the stream
Soils St	ream banks don't appe	ear to be unsta	ble but they mus	st be with
all the tre	es in and across the	stream.		
				and the state of t
GAME RESOURCES		,		
_	771.	( 7 7 6		
Bear		(old or fresh) o	n banks, estimate	0
Canan	Number of droppings	1.		0
Geese	Number seen on tide fla	TS .		0
	Number seen up creek			0
Ma 7 7 a and a	Number of broods seen	ı		0
Mallards		ts		0
	Number seen up creek	•		0
Managar	Number of broods seen			0
Mergansers -				0
Bald Eagles-				0
 2007 a	Number of nests seen an			0
Seals				. 0
Tide flats -	0			-
	Estimate depth out from		· •	
	Eel grass present on who	at percent of fla	tts -	~

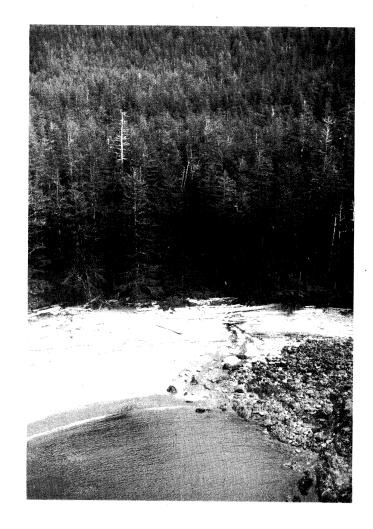
				Z	Name:	Welcome	ne Cove	je J		Temperature:	ature:			
				Z	Number: 104-20-35	104-20	)-35			Weathe	r: 0v(	Overcast	1	
Station No.	Н													
Pool Size/Type	2/2													
Riffle Type Width-Depth	35'W	30												
Pool Riffle Frequency	3									,				
Bottom Type (Riffle)	5												,	
Color/Turbidity	1/1							·						
Velocity					·									
Flow (C.F.S.)	18.7													
' Temp. (°F.)							·							
þť	9													
Fry Abundance														
Benthos Sample No.			 											
Higher Plant Class	1		 ·											
Aquatic Veg. Density Ident. (1) Mosses (2) Algae	1 / 2													

Observers: Downey
Date: 7-20-74

Y FORM

STREAM INVEN

General Remarks (rehab., land use, barriers, log jams, etc.):



Augustine Cove Cr.

Augustine Bay 104-20-40 7-20-74 Downey

Stream splits, steepens and the potential here is very little or none.

← Stopped 200 yds. above I.T.

Excellent small stream with very good gravel (1" - 4").

80% available spawning area.

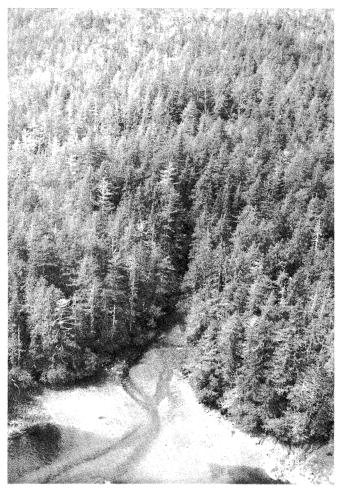
Saw approximately 25 unidentified fry.

Moderate amount of logs after the first 100 yards.

Pretty shallow here where stream flows down the beach.

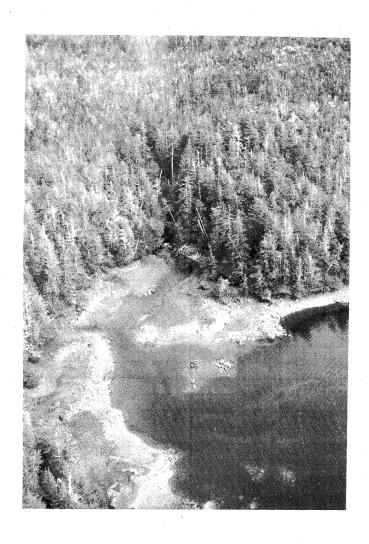
- 71 -

Name Augu	1stine Cove 54° 57' 43" 33° 08' 22" No. Dixon Ent. D-4	Catalog No	104-20-40	
Latitude	54° 57' 43''	WR No.		
Longitude 13	33° 08' 22"	K No.		
Geodetic Map	No. Dixon Ent. D-4	Work Area <u>Ke</u>	tchikan	
TOCALLOI WES	ot Coast of Dall Island	dWatershed Leng	sth1 mile_	
Drainage Area	. of Watershed		•	
water Supply	Type Springs, prec	<u>ipitation.</u>		
Trails & Surv	ey Routes Walk in the	e stream or alo	ng stream bank	S
	Notes Too small to			
air.				
Anchorage N	o anchorage here, run chart #8148 and the	to the head of	Waterfall Bay	Refer
to navigation	chart #8148 and the A	Alaska Coast Pi	lot.	
Tide Stage Wr	en Surveyed Low tide			
FISHERY RESOL				
Commercial	Fisheries Unknown			
Escapement	Unknown			
Available spa	awning area - 312 M2			
Species Con	awning area - 312 M <sup>2</sup> aposition Unknown	······································		
Timing Wou	ld be late.			
Schooling a	ld be late. reas Off the mouth.			
adjacent a	otential Rocky I.	1. zone. Shou	ld be abalone	in the
Sport Fisher	riesUnknown, but d	lue to small si	70 of the atmos	41
potential	would be limited.	ide to small Si	ze of the stream	am the
Land Use at	Present None			
	Land Use None			
Rehabilitat	ion Potential Nor	ie - too small		
S011S S	table to the point I s	topped walking.	,	
			Mine Committee - Strand Committee - Commit	
GAME RESOURCES				
Bear	Fish carcasses or bones	(old or fresh) on	hanks estimate	0
	Number of droppings	(Old Of Hebli) Off	barks, estimate	0
Geese	Number seen on tide flats	3		0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide flats	3		0
	Number seen up creek			0
	Number of broods seen			. 0
Mergansers -	Number of broods seen			0
Bald Eagles—	Number seen along creek			0
0 7	Number of nests seen and			0
Seals	Number seen at mouth of			0
rage flats -	Estimate length along bea			rocky
	Estimate depth out from h			11
	Eel grass present on what	t percent of flats	ı	11



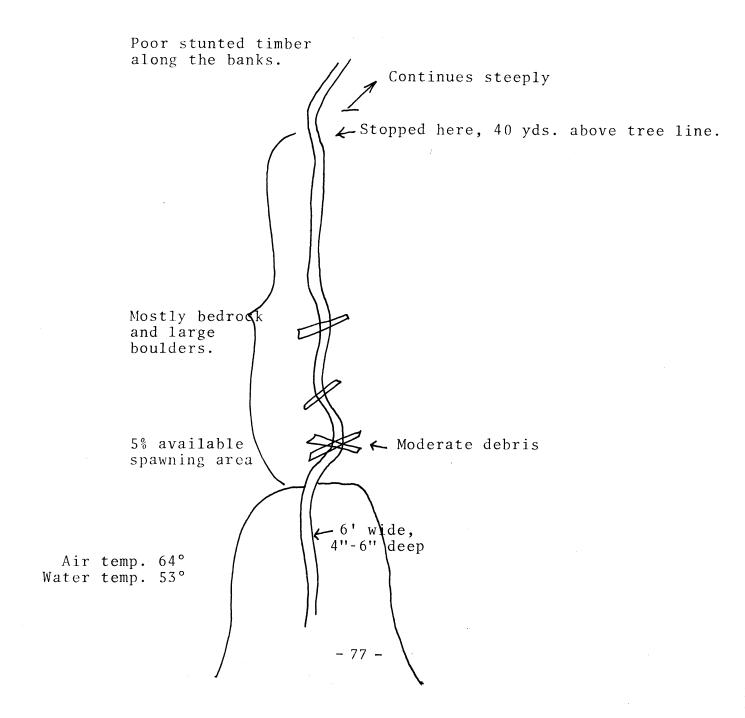
Mouth of Gooseneck Harbor



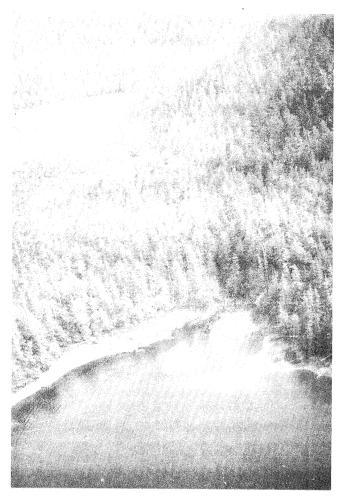


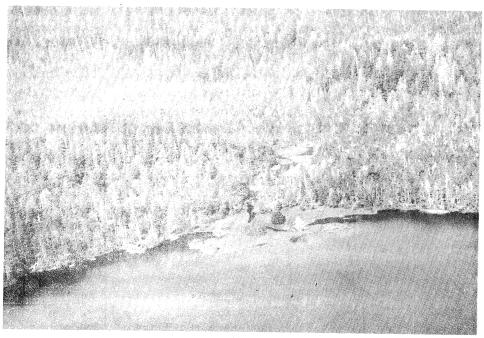
Gooseneck Harbor Head

This stream composed mostly of large boulders and bedrock, however, there is a little limited area where fish could spawn.



NameGoose	neck Harbor - Head 54° 54' 08" 132° 59' 52"	Catalog No. 104-20-52	
Latitude	54° 54' 08''	WR No.	
Longitude	132° 59' 52"	K NO.	
deductic map.	NO. Dixon Ent. D-3	Work Area Ketchikan	
Location Wes	t coast Dall Island	Watershed Length Not shown o	on charts.
	of Watershed		
water Supply	Type Springs, pre	cipitation.	
Trails & Surv	ev Routes Small str	eam - walked in the stream or	on 4h.
stream hanks	cy nouves small str	eam - warked in the Stream or	on the
Aerial Survey	Notes Too small to	survey any but the I.T.Z.	
0		out the time the second	
Anchorage R	efer to navigation ch	art #8148 and the Alaska Coast	Pilot.
There's a goo	d anchorage in 7 fath	oms inside the bay.	
Tide Stage Wh	en Surveyed <u>1/2 tid</u>	oms inside the bay. e and flooding.	
FISHERY RESOU	RCES		
Commercial	Fisheries Unknown		
Escapement_	Unknown		
<u>Available</u> sp	awning area - 3 M <sup>2</sup>		····
Species Com	position <u>Unknown</u>		~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Timing Lat			
Schooling a	reas Off the mouth		
~ 0110 0 22110	OII the modell		
Shellfish P	otential Poor - to	o rocky for anything except ab	palone in
the adjacen	t area.		
Sport Fishe	ries <u>Unknown – but</u>	too small for any potential.	
mand use at	rresent <u>None</u>		
History of	Land Use None		
Rehabilitat	ion Fotential None -	too small	
Boils St	able to the point I s	topped walking.	
GAME RESOURCES			
Bear	Fish carcasses or bones	(old or fresh) on banks, estimate	0
	Number of droppings		0
Geese	Number seen on tide flat	S.	0
	Number seen up creek		0
N/1- 7 2 1	Number of broods seen		0
Mallards	Number seen on tide flat		0
	Number seen up creek Number of broods seen		0
Mercengers -	Number of broods seen		$\frac{0}{0}$
	Number seen along creek		0
	Number of nests seen and		
Seals	Number seen at mouth of		0
Tide flats -	Estimate length along be		rocky
	Estimate depth out from		
	Eel grass present on wha	it percent of flats	11





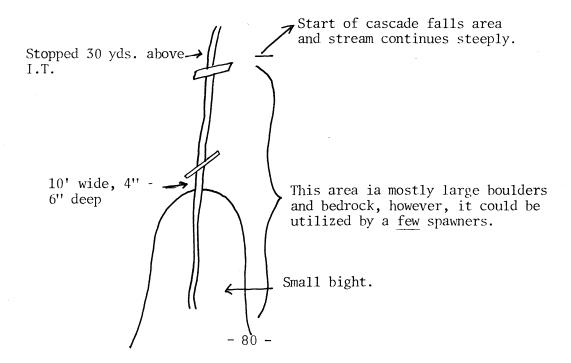
Gooseneck Harbor Head of Lake above stream.

Gooseneck Harbor - Right Head 104-20-54 7-21-74 Downey

Water level normal.

Poor timber along the stream.

5% available spawning area.



Name <u>Goose</u> Latitude	neck Harbor	Catalog No.	104-20-54 (	assigned)
Longitude	132° 59' 46''	WR No.		
Geodetic Map 1	$\sqrt{0}$ Dixon Ent. D-3	Work Area Ke	1 : 1	
Location Was	t Coast Dall Island	Watershed Leng	th	
Drainage Area	of Watershed		and the state of t	The state of the s
Water Supply 1				
Trails & Surve	ey Routes <u>Small str</u>	eam - walk in th	ne stream or o	n the banks.
Aerial Survey	Notes Too small to	survey any but 1	the I.T.Z. by	air.
Anchorage Re There's a fai Tide Stage Who	fer to navigation char r anchorage in 7 fath en Surveyed 1/2 ti	rt #8148 and the ons inside the b de and flooding.	e Alaska Coast pay.	Pilot.
FISHERY RESOUR	RCES			
	Fisheries Unknown			at horse of the control of the contr
Escapement	Unknown	annen er en		
Available sp	awning area - 4 M <sup>2</sup>			
Species Com	position <u>Unknown</u>			
Timing La	te			
Schooling a	reas <u>Off the mouth</u>			
Shellfish P		rocky for anyth	ning except ab	alone in the
adjacent ar	ea.			
Sport Fisher	ries <u>Unknown, b</u>	out would be non-	existent: too	small.
Land Use at	Present None			
History of	Land Use None			erinkunggan majagankan menerinkung kerilikan at mperuntankan menerinkan mener
Rehabilitat	ion Potential None -	too small.		
Soils St	able to the point I s	topped walking.		
GAME RESOURCES				
Bear	Fish carcasses or bones	(old or fresh) on	banks, estimate	0
Cooro	Number of droppings	- a		0
Geese	Number seen on tide flat Number seen up creek	J.S.		0
	Number of broods seen			0
Mallards	Number seen on tide flat	ts		0
# 100 m 21 dom 1110	Number seen up creek			0
	Number of broods seen			0
	Number of broods seen			0
Bald Eagles-	Number seen along creek			0
() 7	Number of nests seen and			0
	Number seen at mouth of			rocky
ride Hats -	Estimate length along be			rocky
	Estimate depth out from Eel grass present on who			
	man Cross brosses on Mr			

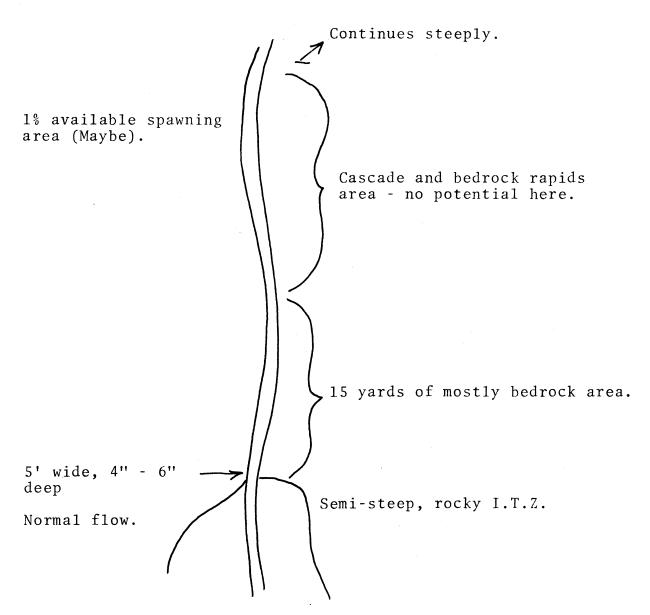


Gooseneck Bay

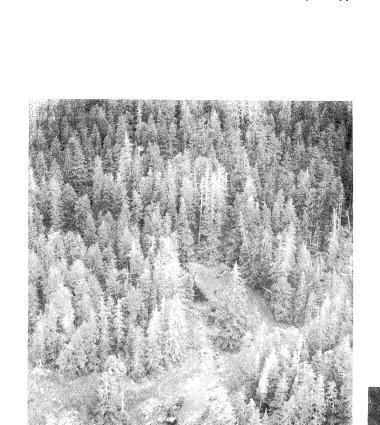
Gooseneck Bay 104-20-55 7-21-74 Downey

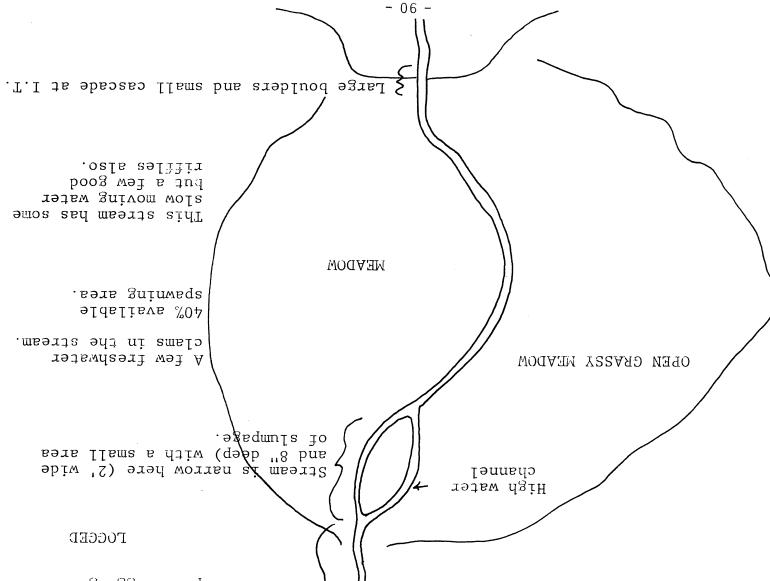
I can't really see why this is a cataloged stream. The potential here is almost nil with the <u>possibility</u> that one pair of salmon might spawn here.

Stunted poor timber in this area.

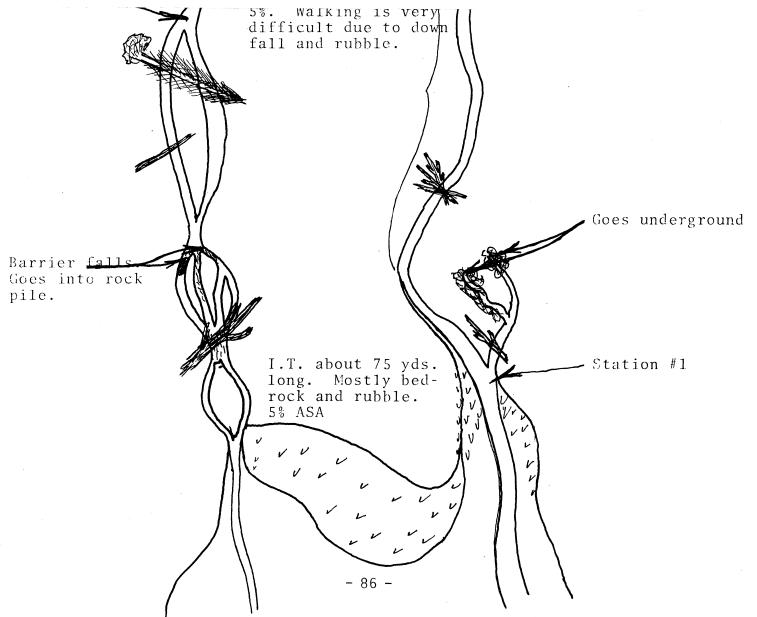


Namé Goo	seneck Harbor	Catalog No	104-20-55	
Latitude	Seneck Harbor 54° 53' 14" 33° 00' 06" No. Dixon Ent. D-4 West Coast of Dall Is	WR No.		
Longitude1	33° 00' 06"	K No.		
Geodetic Map	No. <u>Dixon Ent. D-4</u>	. Work Area Ke	tchikan	
Location W	lest Coast of Dall Is of Watershed	land tershed Leng	th Not shown	on charts.
Water Sunnly	Type G.	• • • •		
water bapping	Type Springs, prec	ipitation.		
Trails & Surv	ey Routes Small	stream - only go	es a short dist	anco abovo
the intertida	ll zone. Walk in the	stream.		
Aerial Survey	Notes Too small to	o survey any but	the intertidal	zone by
air.				
Anchorage F	Refer to navigation c	hart #8148 and t	<u>he Alaska Coast</u>	Pilot.
There's a fai	r anchorage in 7 fat en Surveyed 3/4 tid	homs inside the	bay.	
ride Stage Wr	en Surveyed 3/4 tid	e and flooding.		
FISHERY RESOU				
Commercial	Fisheries Unknown			
77			A	
observed_	Unknown - it was s	urveyed once on	8-2/-/0 with no	fish
	Available spawning area			
Timing	Would be late.		and the same processing and same street, and the same street, and the same street, and the same street, and the	
Schooling a	Would be late. reas Off the mout	h.		
Shellfish F	Potential Too rocky	. There are aba	lone in the adi	acent area.
Sport Fishe	eries <u> </u>	it would be very	poor or non-ex	istent :
too small.	Present None			
dand obe at				
History of	Land Use None			
Rehabilitat	ion Potential None	e - too small.		
Solls Sta	ble to the point when	re I stopped wall	king.	
er out an extrem the stage of t				
GAME RESOURCES				
WHILE IMPOOUTON				
Bear		(old or fresh) on	banks, estimate	0
	Number of droppings			00
Geese	Number seen on tide fla	ts	_	0
	Number seen up creek Number of broods seen		-	0
Mallards	Number of broods seen  Number seen on tide fla	f-c	-	0
rania op	Number seen up creek	UD ,	-	0
	Number of broods seen		<del>-</del>	0
Mergansers -			-	1
Bald Eagles-	Number seen along creek		,	0
	Number of nests seen an	d location		0
Seals	Number seen at mouth of		-	0
Tide flats -				_
	Estimate depth out from			-
	Eel grass present on wh	at percent of flats		<del>-</del>

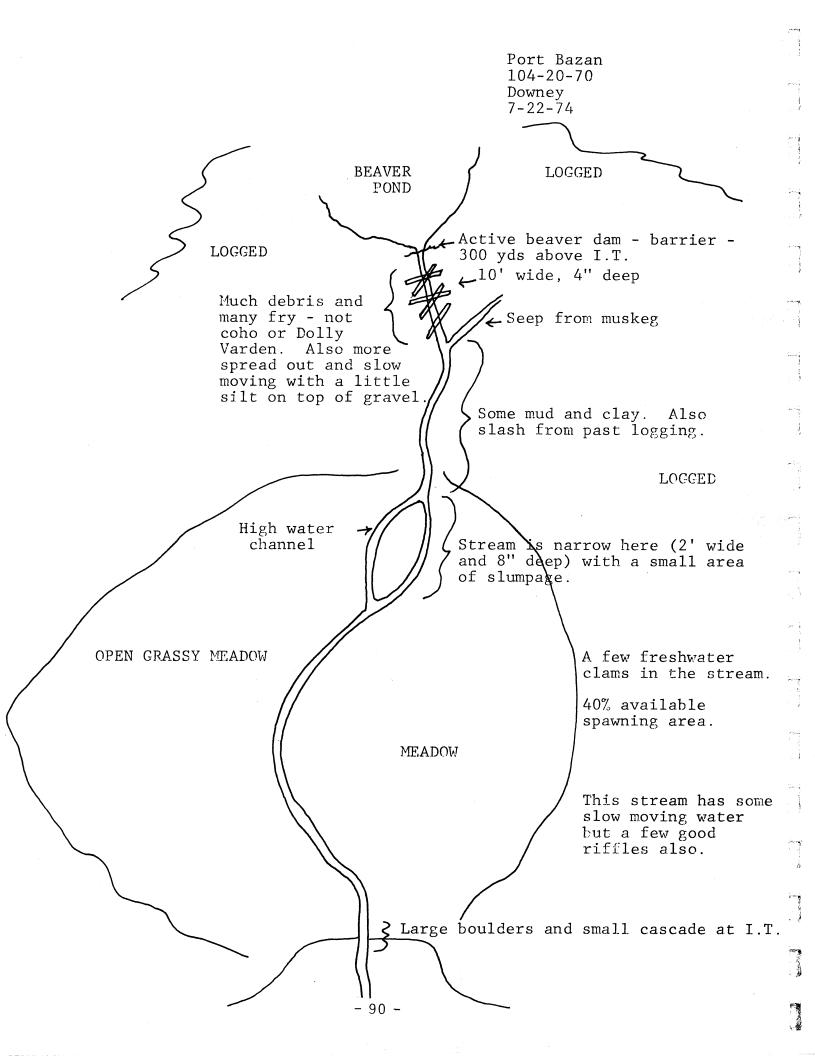




	Timing No record. Schooling areas No record.
o chum, pink and coho	Escapement No record.  Available spawning area - 62 M <sup>2</sup> Species Composition Available t
	FISHERY RESOURCES
e, flooding.	Tide Stage When Surveyed Low tid
y difficult due to thick canopy,	Trails & Survey Routes None Aerial surved dark water and dark bottom.  Anchorage In bay.
flonur	Water Supply Type Lake and
Catalog No. Watershed Length	Name Latitude N 54° 51' 00" Longitude W 132° 55' 15" Ceodetic Map No. Dixon Ent. D-3 Location W. Coast Dall Island Drainage Area of Watershed
Walkand	16 WOYW I



Name		Catalog No.	104-20-65	
Latitude N	54° 51' 00" 132° 55' 15" No. Dixon Ent. D-3	WR No.		
Longitude W	132° 55' 15"	K No.		
Geodetic Map	No. Dixon Ent. D-3	Work Area Ketc	hikan	
EDGGLUION W. (	Coast Dall Island	Watershed Leng	th	
Drainage Area	or watersned			
Water Supply '	Type <u>Lake and</u>	runoff		
Trails & Surv	ey Routes <u>None</u>			
Aprial Survey	Notes Aerial surve	av difficult due	to thick cons	^>*
dark water a	and dark hottom	ey difficult due	to thick canor	<u> </u>
Anchorage	In bay.			
Tide Stage Wh	en Surveyed <u>Low ti</u>	le, flooding.		
FISHERY RESOU				
	Fisheries	*		
Commercial				
Escapement	No record.	relation in the state of the Children and Confloration to the state of		
	pawning area - 62 M <sup>2</sup>	de literativa e e de la completa de		
Species Com	position Available 1	to chum, pink an	d coho	
Timing	No record			
Schooling a	reas No record.			
Shellfish P	otential I.T.Z. is	rocky		
Character Tidadea	10 To 10			
Spore rishe	ries			
Land Use at	Present None			
History of	Land Use Logged.			
Rehabilitat	ion Potential Log j fork has rock pile.	am on R. fork w	ould be hard to	remove.
Left hand	fork has rock pile.			
Soils UDS	erved some slippage a	llong stream.		
ar ann agus gair agus fhigheithe agus agus ar ann an taoinn fheach ann ann an taoinn fheach ann ann an taoinn				
GAME RESOURCES				
Bear	Fish carcasses or bones	(old or fresh) on	banks. estimate	0
	Number of droppings	(0.20, 01 22 0.21), 011	, , , , , , , , , , , , , , , , , , , ,	0
Geese	Number seen on tide flat	SS		0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide flat	cs	ń.	0
	Number seen up creek			0
	Number of broods seen			0
Mergansers -	Number of broods seen	•		0
Bald Eagles-	Number seen along creek		•	0
•,	Number of nests seen and			0
	Number seen at mouth of			0
Tide flats -	Estimate length along be			200 yds.
	Estimate depth out from			10 ft.
	Eel grass present on wha	at percent of flats	3	0



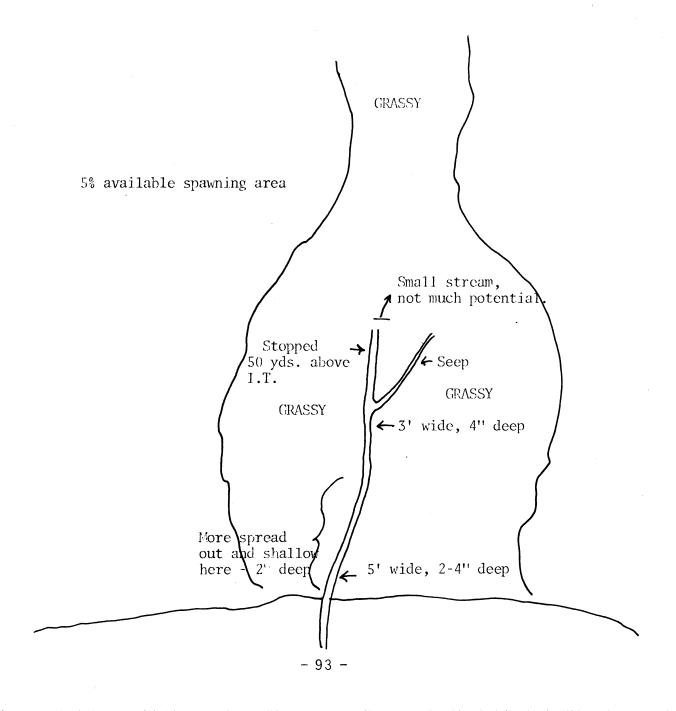
Name Port Bazan	Catalog No	104-20-70	
Latitude 54° 50' 43 Longitude 132° 54' 43	WR No.		
Longitude 132° 54' 43	" K No.		
Geodetic Map No. Dixon En	t. D-3 Work Area	Ketchikan	
Location W. Coast Dall Is	land Watershed	Length 75 mile	
Drainage Area of Watershe	d		
Water Supply Type Sprin	gs, precipitation		
Trails & Survey Routes	All open meadow and	easy wlaking along	the strea
Aerial Survey Notes <u>Cou</u> above this.		_	
Anchorage Anchorage is s Coast Pilot.			
Tide Stage When Surveyed	1/2 out and ebbing		
FISHERY RESOURCES	_		
Commercial Fisheries U	nknown		
Escapement Unknown - "ball in bay (300?) on Species Composition	few jumps in the bay 8-28-70. Available sp Unknown	" on 8-27-71 : one Dawning area - 334 M <sup>2</sup>	small
Timing Unknown - must	he late	and are these characters are the section of the sec	-
Timing <u>Unknown - must</u> Schooling areas <u>Of</u>	f the mouth		
Shellfish Potential V	ery little - too roc	KY	
Sport Fisheries <u>Unknow</u>	n - but would be ver	y little or non-exi	stant
Land Use at Present N	one		
History of Land Use T	his area was logged	several vears ago	
Rehabilitation Potentia	.1 Too small for mu	ch potential.	
Soils Stable except of the meadow.	for a bank slumpage	away near the upper	end
GAME RESOURCES			
Bear Fish carcasse Number of dro		n) on banks, estimate	0
Geese Number seen c			0
Number seen u			0
Number of bro			0
Mallards Number seen o			0
Number seen u	•		0
Number of bro	-		. 0
Mergansers - Number of bro			1
Bald Eagles- Number seen a			0
	ets seen and location		0
Seals Number seen a			1
Tide flats - Estimate leng			rocky
-	h out from beach		rocky
-	sent on what percent of	flats	rocky

		STREAM INVEN	Y FORM		Observers: Date: 7	1	Downey	
		Name: Port Bazan	zan		Temperature:	ture: 59°	t o	
		Number: 104-20-70	0-70		Weather	1.		
Station No.	1							
Pool Size/Type	2/2						·	
Riffle Type Width-Depth	12'W .14'D			`				
Pool Riffle Frequency	3.				,			
Bottom Type (Riffle)	2/3/2							
Color/Turbidity	1/1							
Velocity								
Flow (C.F.S.)	1.04							
Temp. (°F.)	59°							
Нq	7							
Fry Abundance	8-20							
Benthos Sample No.	0							
Higher Plant Class	2/3							
Aquatic Veg. Density Ident. (1) Mosses (2) Algae	2 / 1							

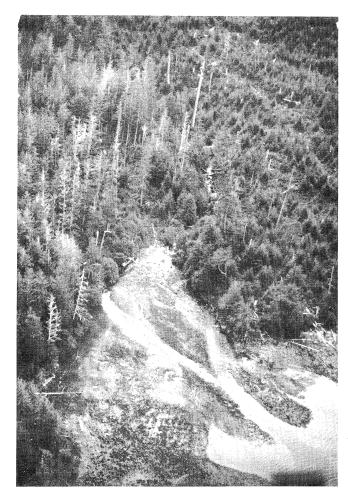
General Remarks (rehab., land use, barriers, log jams, etc.):

Port Bazan - Right Head 104-20-72 (assigned) 7-22-74 Downey

Not a cataloged stream and maybe rightfully so. This is a pretty small stream but it <u>could possibly</u> support a half dozen spawners. Large boulders, with a little spawning area.



Name <u>Port B</u>	azan	Catalog No. 104-20-72 (assigned)
Latitude	54° 50' 35"	WR No.  K No.  Work Area Ketchikan
Longitude 1	32° 54' 44''	K NO.
Geodetic Map .	NO. <u>Dixon Ent. D-3</u> Coast Dall Island	Work Area <u>Ketchikan</u>
Droinage Area	of Watershed	Watershed Length 500 yards
		zinitation
water buppry	Type <u>Springs, pred</u>	cipitation
Trails & Surv	ey Routes <u>Open grass</u>	sy meadow - small stream - easy walking.
Aerial Survey	Notes Too small to	o survey.
Anchorage	Refer to navigation of	chart #8146 and Alaska Coast Pilot. Good
anchorage in	bight on Dolgoi Islar	nd and on inside of the bay.
Tide Stage Wh	en Surveyed <u>Tide e</u>	ebbing - almost low.
FISHERY RESOU	RCES	
		very little, if any.
Escapement	Unknown	
Available spa	awning area - 2 M <sup>2</sup>	
Species Com	position Unknown	
Timing La	<u></u> τ	
Schooling a	te reas <u>Off the mou</u> t	- h
Shellfish P	otential Probably	not much, maybe a few clams or abalone
in the gener	ral area. No crab po	ots were set.
Sport Fishe	ries Unknown, but v	vould be almost zero.
Tond Han at	Present None	
Land use at	Present None	
History of	Land Use Some logg	ging in this general area.
Rehabilitat	ion Potential None	- too small.
Soils Sta	ble to the point walk	ced. Small stream and is short lived.
GAME RESOURCES		
Bear		(old or fresh) on banks, estimate0
0	Number of droppings	0
Geese	Number seen on tide fla	
	Number seen up creek Number of broods seen	0
Mallards	Number seen on tide fla	
recence do	Number seen up creek	. 0
	Number of broods seen	
Mergansers -	Number of broods seen	0
	Number seen along creek	
No.	Number of nests seen ar	nd location 0
	Number seen at mouth of	
Tide flats -	Estimate length along b	
	Estimate depth out from	
	Eel grass present on wh	nat percent of flats



104-20-75 - Pt. Bazan

LOGGED LOGGED NOT LOGGED \*Continues steeply \_Stopped 125 yds. above I.T. Small bedrock cascade falls - no block This stream has little potential as it is composed LOGGED mostly of bedrock and large boulders 5% usable available spawning area NOT LOGGED Gravel bar

Name Port B	azan	Catalog No. 104-20-75	
Longitude 1	54° 49' 39" 32° 55' 23" No. Dixon Ent. D-3 t Coast Dall Island	WR No.	
Geodetic Map	NO. Divon Ent. D. 7	Mork Area was to	
Location Wes	t Coast Dall Island	Work Area <u>Ketchikan</u> Watershed Length <u>1.25 mile</u>	
marinage meda	OI Wavershed		
Water Supply	Type Springs, pre	cipitation	
		he stream.	
Aerial Survey	Notes Logged on on	e side is fairly onen and so	1.1 1 .
Jaive, ca lion	the arr. Not much	ISHELV DOLEDIJAL PARA	
Amonorage R	erer to navigation ch	art #XI/6 and Alacka Coac+ D:	1 _ 4
Tide Stage Who	en Surveyed Tide lo	Island and on inside of the b w and just starting in.	ay.
FISHERY RESOU		w and just starting in.	
Escapement			
	00.2.2		**************************************
Species Com	position Unknown		
Timing La-	te		
Schooling a:	reas Off the mouth		
Shellfish Po	otential <u>Maybe clam</u>	s but pretty rocky with not m	uch potential
		would have but little potenti	
		would have but little potenti	al.
Land Use at	Present None		
History of	Land Use West side	and upper drainage of the st	ream was
logged at or	le time.		
		- too small with little spawn	
Soils Sem	ni-stable to the poin	t I stopped walking.	
GAME RESOURCES			
Bear	Fish carcasses or bones Number of droppings	(old or fresh) on banks, estimate	0
	Number seen on tide flat	8	0
	Number seen up creek		0
	Number of broods seen		<del></del>
	Number seen on tide flat	S	0
	Number seen up creek		0
	Number of broods seen	·	0
	Number of broods seen		1
rand nagres-	Number seen along creek Number of nests seen and	location	<del></del>
Seals	Number of nests seen and Number seen at mouth of	stream	0
Tide flats -	Estimate length along be	ach	<del></del>
	Estimate depth out from 1	beach	
	Eel grass present on wha		

				· · · · · · · · · · · · · · · · · · ·									
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			·										
		·											
· [-1	1/3	. W 5 ' ₽	3	/5	/1		8.	10	7			2	1
	3	18		9	1		6	2					
Station No.	Pool Size/Type	Riffle Type Width-Depth	Pool Riffle Frequency	Bottom Type (Riffle)	Color/Turbidity	Velocity	Flow (C.F.S.)	Temp. (°F.)	Hd	Fry Abundance	Benthos Sample No.	Higher Plant Class	Aquatic Veg. Density Ident. (1) Mosses (2) Algae
		3		e D	ත භ	pe 3/3 18'W 1.25'D 3 6/5 ity 1/1	Station No.         1         Pool Size/Type         3/3         Pool Size/Type         18'W         Pool Riffle Type         18'W         Pool Riffle         Pool Riffle <td>Station No.       1         Pool Size/Type       3/3         Riffle Type Width-Depth       1.25 ° D         Pool Riffle Frequency       3         Bottom Type (Riffle)       6/5         Color/Turbidity       1/1         Velocity       9.8</td> <td>pe 3/3 18'W 1.25'D 3 6/5 ity 1/1  9.8 51°</td> <td>Station No.       1       8         Pool Size/Type       3/3       8         Riffle Type Width-Depth       1.25 ° m       8         Width-Depth       3       8         Pool Riffle Frequency       3       8         Bottom Type (Riffle)       6/5       8         Color/Turbidity       1/1       8         Velocity       9.8       8         Temp. (°F.)       51°       8         pH       7       9</td> <td>Station No.         1           Pool Size/Type         3/3           Riffle Type         18'W           Width-Depth         1.25'D           Pool Riffle         3           Bottom Type         6/5           (Riffle)         6/5           Color/Turbidity         1/1           Velocity         9.8           Flow (C.F.S.)         9.8           Flow (C.F.S.)         51°           PH         7</td> <td>Station No.         1           Pool Size/Type         3/3           Riffle Type         1.25° m           Width-Depth         3           Pool Riffle         3           Bottcm Type         6/5           (Riffle)         6/5           Color/Turbidity         1/1           Velocity         9.8           Flow (C.F.S.)         51°           PH         7           Fry Abundance         Benthos           Sample No.         1</td> <td>Station No.         1         Station No.           Pool Size/Type         3/3</td>	Station No.       1         Pool Size/Type       3/3         Riffle Type Width-Depth       1.25 ° D         Pool Riffle Frequency       3         Bottom Type (Riffle)       6/5         Color/Turbidity       1/1         Velocity       9.8	pe 3/3 18'W 1.25'D 3 6/5 ity 1/1  9.8 51°	Station No.       1       8         Pool Size/Type       3/3       8         Riffle Type Width-Depth       1.25 ° m       8         Width-Depth       3       8         Pool Riffle Frequency       3       8         Bottom Type (Riffle)       6/5       8         Color/Turbidity       1/1       8         Velocity       9.8       8         Temp. (°F.)       51°       8         pH       7       9	Station No.         1           Pool Size/Type         3/3           Riffle Type         18'W           Width-Depth         1.25'D           Pool Riffle         3           Bottom Type         6/5           (Riffle)         6/5           Color/Turbidity         1/1           Velocity         9.8           Flow (C.F.S.)         9.8           Flow (C.F.S.)         51°           PH         7	Station No.         1           Pool Size/Type         3/3           Riffle Type         1.25° m           Width-Depth         3           Pool Riffle         3           Bottcm Type         6/5           (Riffle)         6/5           Color/Turbidity         1/1           Velocity         9.8           Flow (C.F.S.)         51°           PH         7           Fry Abundance         Benthos           Sample No.         1	Station No.         1         Station No.           Pool Size/Type         3/3

Observers: Downey
Date: 7-22-74

Y FORM

STREAM INVEN

General Remarks (rehab., land use, barriers, log jams, etc.):

1773

Port Bazan 104-20-80 7-22-74 Downey

Check for location of this stream - not as marked in by Novak.

This is a good small stream having good gravel (2" - 6").

Water level is pretty high from recent heavy rains.

This hillside is allslumped away with many trees and debris in and across the stream. Access to about 50 yards above tree line and then continues up pretty steeply.

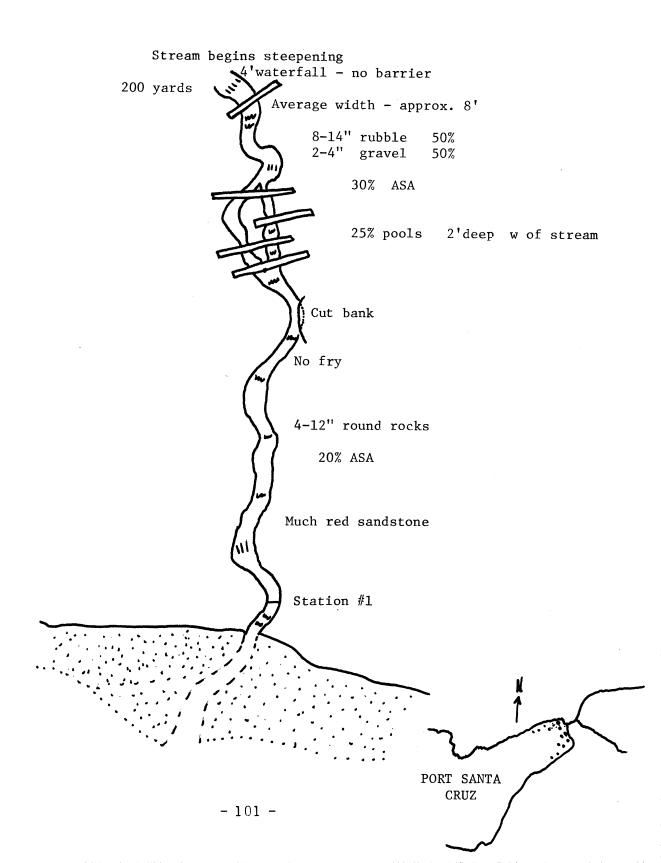
60% available spawning area

10' wide and 6" deep

- 99 -

Name Port B	32an 54° 49' 06'' 132° 57' 00''	Catalog No.	104-20-80
Latitude	54° 49' 06''	WR No.	
Longitude	132° 57' 00''	17 110.	
Geodetic Map	No. Dixon Ent. D-3	Work Area Ket	<u>tchikan</u>
Location West	t Coast Dall Island	Watershed Leng	gth Not shown on map
Drainage Area	of Watershed		
water Supply	Type Springs, precip	itation	
Trails & Surv	ey Routes Walkin th	e stream to just	t above the I.T.Z., choked
with debris al	pove this and not wal	ked further.	
Aerial Survey	Notes Too small, b	ut could survey	the short I.T. area.
Anchorage P	efer to navigation ch	art #8116 and A	laska Coast Pilot. Good
anchorage in	night on Dolgoi Islan	d and on the ins	side of the bay.
Tide Stage Wh	en Surveyed <u>tide</u> j	ust starting in.	site of the bay.
FISHERY RESOU			
	Fisheries Unknown		•
777	Unlinerin	7	
Escapement	awning area - 83 M <sup>2</sup>		
Available sp	position Unknown		
phegres com	position ournown		
Timing	Late		
Schooling a	reas Off the mouth	- would be most	ly I.T. spawning.
Shellfish P	otential Maybe cl	ams or some abal	lone in the adjacent
area but no	ot really much shellf	ish potential.	iono in the adjacent
Sport Fishe	ries <u>Unknown - but</u>	would be very po	oor or non-existant.
Land Use at	Present None		
History of	Land Use None		
	T		
Renabilitat	ion Potential None	- too small with	n no potential.
Soils Un:	stable - much debris	slumped in the s	stream.
GAME RESOURCES			
Bear		(old or fresh) on	banks, estimate (saw 1 bear)
•	Number of droppings		0
Geese	Number seen on tide fla	TS.	0
	Number seen up creek		0
N″~ 7 73	Number of broods seen		0
Mallards		US	0
	Number seen up creek	#2	0
T. C	Number of broods seen		0
	Number of broods seen	est V	
Baid Eagles-	Number seen allong creek		0
Coole	Number of nests seen an	3	0
	Number seen at mouth of		θ.
Tide Ilats -	Estimate length along b		
	Estimate depth out from		and the state of t
	Eel grass present on wh	at percent of flats	3

Port Santa Cruz Head stream 104-30-10 8-10-75 Novak, RiLarson, Downey



Number: 104-30-10  Number: 104-30-10  Neather: Overcast

General Remarks (rehab., land use, barriers, log jams, etc.):

7

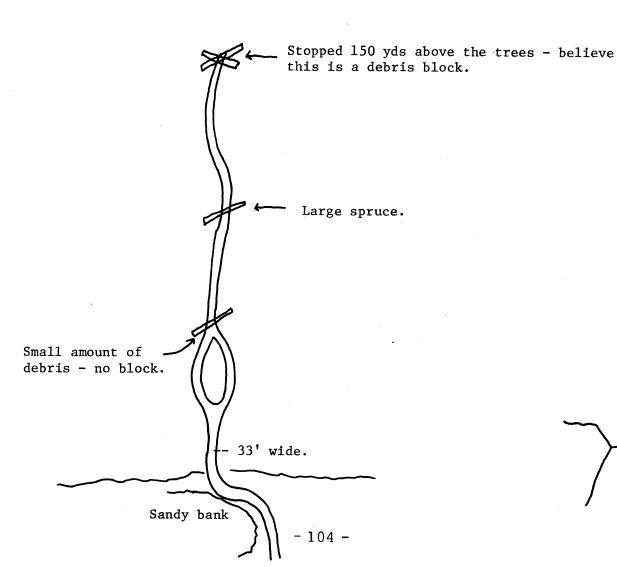
Name Port Santa Cruz- Head Stream Catalog No. 104-30-10	
Latitude N 55° 17' 18" WR No.  Longitude W 133° 23' 58" K No.  Geodetic Map No. Craig B-5 Work Area Ketchikan  Location Head of Pt. Santa Cruz - Suemez Wastershed Length 2.3 (all tribs)  Drainage Area of Watershed 1.8 sq. miles  Water Supply Type Precipitation	
Longitude W 133° 23' 58" K No.	
Geodetic Map No. Craig B-5 Work Area Ketchikan	
Design and Area of Metamphed 2.3 (all tribs)	
Weter Supply Type Projective 1.8 sq. miles	
Water Supply Type Precipitation	
Trails & Survey Routes Stream easily walked.	
Aerial Survey Notes Too small to be surveyed by air.	
Anchorage Off mouth of creek.	
Tide Stage When Surveyed 1/2 flood.	
FISHERY RESOURCES	
Commercial Fisheries Probably pinks (no fry or adults seen)	
Escapement No records available of past escapements.	
Available spawning area - 122 M <sup>2</sup>	
Species Composition Unknown	
Timing Probably late	
Schooling areas Unknown	-
Shellfish Potential Clams and Dungeness crabs.	
bheilifin forential clamb and bangeness claps.	
Sport Fisheries None	
Land Use at Present None	
History of Land Use Unknown	
	<del></del>
Rehabilitation Potential None	
Soils Much red sandstone (fine grained and soft). Stream banks are unde in one area but generally seem stable.	rcut
In one area but generally seem stable.	
GAME RESOURCES	
Bear Fish carcasses or bones (old or fresh) on banks, estimate	
Number of droppings	
Geese Number seen on tide flats	<u> </u>
Number seen up creek	
Number of broods seen	
Mallards Number seen on tide flats	_
Number seen up creek	
Number of broods seen	
Mergansers - Number of broods seen	-
Bald Eagles- Number seen along creek	
Number of nests seen and location  Seals Number seen at mouth of stream	
Tide flats - Estimate length along beach	
Estimate depth out from beach	
Eel grass present on what percent of flats	

Cruz Point Creek Suemez Island 104-30-15 Downey, Novak, R.Larson

No fry observed.

Small stream with 1-2" gravel.

20% Available spawning area.



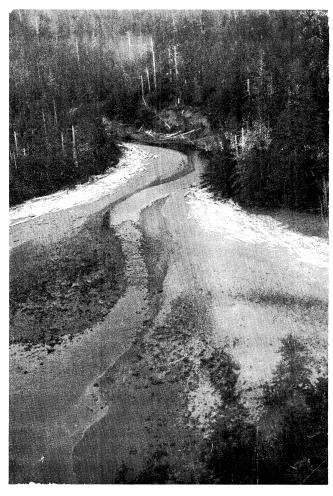
			Ne	Name:	To see the second	4	<u>.</u>		Temper:	8-11-75		
			ĸ	ٰ نا	104-30-15	)-15	2 D <b>4</b> 1		Weather:	Partly	cloudy	
Station No.	Н											
Pool Size/Type	3/1											
Riffle Type Width-Depth	33'W .49'D											
Pool Riffle Frequency	2											
Bottom Type (Riffle)	4											
Color/Turbidity	1/1											
Velocity	2											
Flow (C.F.S.)	12											
Temp. (°F.)	51°											
þH	9						1.	·				
Fry Abundance												
Benthos Sample No.												
Higher Plant Class	2											
Aquatic Veg. Density Ident. (1) Mosses (2) Algae	1 3								·			

Observers: Novak, Downey, RLarson Date: 8-11-75 Temperature: 60°

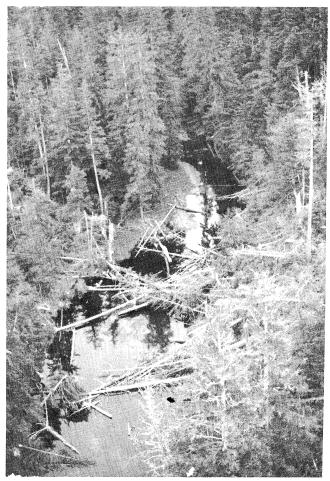
STREAM INVENTORY FORM

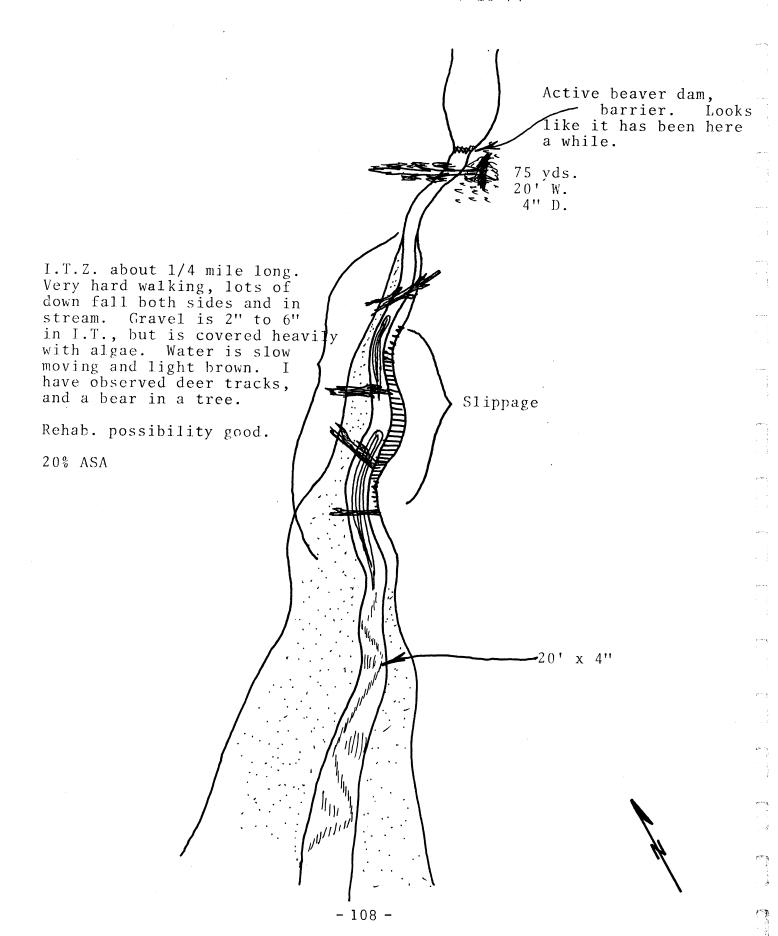
General Remarks (rehab., land use, barriers, log jams, etc.):

Name Cruz		Catalog No.	104-30-15	
Latitude	Point Creek N 55° 16' 16" W 133° 25' 24" No. Craig - B-5 emez Island	WR No.		
Longitude	W 133° 25' 24"	K No.		
Geodetic Map	No. Craig - B-5	Work Area Ke	etchikan gth 1.5 miles	
Ensing To Amage	emez Island a of Watershed	. Watershed Len	gth 1.5 miles	
Watan Sunalu	d of watersned			
"ager pubbil	Type Precipitation -	runoff		
Trails & Surv	vey Routes <u>No trails</u> ,	walk in the atmosphere		
Aerial Survey	Notes Too small wit	h overstory to sur	vev by air - poss	ibly wis
Anchorage P	ossibly at head of Port S	anta Cruz.		
Tide Stage Wi	nen Surveyed Low ti	de.		
FISHERY RESOU				
	Fisheries <u>Unknown</u>			
Escapement_	None recorded - unknow	n.		
Available spa	awning area - 275 MZ			
Species Con	position Unknown			
Timing	Unknown			*
Schooling a	areas Off the mouth on	r poole within the		
Shellfish E	otential Not much -	- pretty sandy bead	ch. Maybe a few c	lame or
abarone on our	side rocks.			
Sport Fishe	eries None - too sma	111		
Tand lise at	Present None			
	, II CBCIII None			
History of	Land Use None			
				· · · · · · · · · · · · · · · · · · ·
Rehabilitat	ion Potential None -	too small		
Soils Ctable				
COLID SLADIE	to the point walked.			
GAME RESOURCES	•			
Bear	Fish carcasses or bones	(old on fresh) on	hanks actimate	0
	Number of droppings	(Old of Hesil) off	banks, escillate	0
Geese	Number seen on tide flat	JS .		0
	Number seen up creek		•	0
	Number of broods seen			0
Mallards	Number seen on tide flat	DS .		0
	Number seen up creek	•		0
**Common confirme	Number of broods seen			0
Mergansêrs -	Number of broods seen			0
Bald Eagles-	Number seen along creek Number of nests seen and	location		0
Seals				. 0
	Estimate length along be	sach Por cam		. 0
	Estimate depth out from			
	Eel grass present on wha		5	_

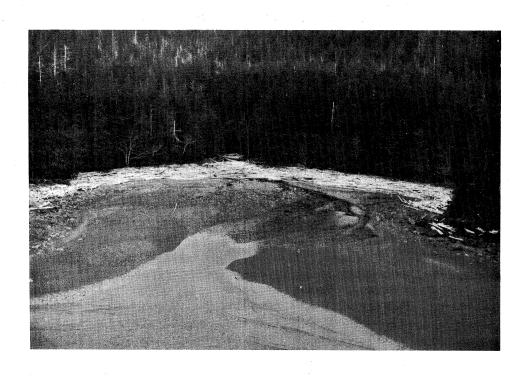


104-30-20





Name		Catalog No	104-30-20	
Latitude	N 55° 12' 37" W 133° 10' 23" No. Craig A-5 mez Island of Watershed	WR No. Non	e previous	
Longitude	W 133° 10' 23"	K No.		
Geodetic Map	No. Craig A-5	Work Area K	etchikan	
Location Sue	mez Island	Watershed Leng	th 1.5 mile	
Drainage Area	of Watershed			-
Water Supply	Type <u>Lake and runo</u>	off.		
Enoile & Sunu	ey Routes None - wa	11 un atmam	: n 1 C - 1 1 1	
to walk.	ey Rouces None - wa	ir up stream, w	indiall neavy	and hard
Aerial Survey	Notes Marginal - c	anopy heavy with	h dark bottom	color
			out to boccom.	
Anchorage N	one in cove.			
Tide Stage Wh	en Surveyed <u>3/4 low</u> ,	ebbing.		
FISHERY RESOU	RCES			
Commercial	Fisheries <u>Unknown c</u>	omposition Av	ailable to nin	k chum
and coho s	almon.			
Escapement_	almon. Available spawning a	rea - 490 M <sup>2</sup>		
2		The section of the se		
species com	position Pink, coho	and chum		· · · · · · · · · · · · · · · · · · ·
Timing No	rocord			
Schooling a	record reas <u>Right side off</u>	crook mouth of	f TT7	
Shellfish P	otential <u>None, IT</u>	is cobblestone		
Sport Fishe	ries <u>Dolly Varden a</u>	nd cutthroat tro	out.	
	Present None			
Land 086 ac	None None			
History of	Land Use <u>None</u>			
				·
Rehabilitat	ion Potential Reha	bilitation poss	ible with remov	val of
beaver dam	•			
Soils Uns	table on left side of	creek I.T.Z.	Stable otherwis	se
CASE RESOURCES				
Bear,	Fish carcasses or bones	(old or fresh) on	banks, estimate	1 bear
	Number of droppings			0
Geese	Number seen on tide flat	SS		0
	Number seen up creek			0
. r . n . n	Number of broods seen			0
Hallards	Number seen on tide flat	SS		0
	Number seen up creek			0
Commonacina	Number of broods seen Number of broods seen	•		0
Mergansers -				0
Bald Eagles—	Number of nests seen and	l location		0
Seals	Number seen at mouth of			0
	Estimate length along be			500 yds.
2	Estimate depth out from			
	Fel grass present on wha		4	0



ARENA CREEK

Arena Creek 104-30-25 7-18-74 Downey

Stopped here, can still see a couple of good riffles ahead - boat going dry - starts to steepen, 300 yds. above I.T.

30% available spawning area.

Not a bad small stream and would certainly support a few spawners.

Mostly hemlock

Stream banks stable.

Large log jam, no block

← 8' wide, 6" - 8" deep.

Cascade, bedrock rapids area - No block.

Some good riffles, separated by good pools. Saw 2 unidentified fry, looked like coho. Also a little trace of bedrock here.

Large size boulders in this area.

Some good spawning gravel in this area.

10' wide, 8" deep

Massive log jam - no barrier.

111 -

Name Adjac	ent to Arena Cove C 55° 13' 23" W 133° 20' 57" K	atalog No.	104-30-25	
Latitude	55° 13' 23'' W	R No.		
Geodetic Man	133° 20' 57'' K	100.		
Location Son	No. <u>Craig A-4</u> W th Suemex Island W	ork Area Ket	tchikan	
Drainage Area	of Watershed "	atershed Length	$\frac{2-1}{4}$ mile	
Water Supply	Type Springs, precip	itation.	***************************************	
Trails & Surv	ey Routes <u>Walk in th</u>	<u>ne stream or on</u>	the stream b	oanks
Aerial Survey	Notes Too small and	too much orong	<b>.</b>	1 .
the intertida	Notes Too small and 1 zone by air.	too much overs	lory to surve	ey any but
Anchorage	No anchorage here - run	to the head of	the South Ar	m of Bob's
Bay on Dall I	sland. Refer to navigati	on chart #8151		
Tide Stage Wr	No anchorage here - run sland. Refer to navigati en Surveyed 3/4 out	and ebbing.		
FISHERY RESOU	RCES			
Commercial	Fisheries <u>Unknown</u> -	hoever, what ar	opeared to be	coho
irv were o	nserved.		1	
Escapement_	Unknown wning area - 200 M <sup>2</sup>		**************************************	
Species Com	mosition University			
opeomed con	position Unknown			
Timing	Would be late.			
Schooling a	reas Off the mouth a	nd pools within	the stream.	
Shelliish F	otential <u>Rocky inter</u>	tidal. Abalone	are found i	n the
<u>adjacent a</u> Sport Fishe		atmoom 41	- 4 - 1 - 1	7 1 1
limited.		stream so the p	otential wou	IId be
Land Use at	Present None			
11.				
History of	Land Use <u>None</u>			
Rehabilitat	ion Potential None, t	on small and ol	cav as is	-
Soils St	able to the point where	I stopped walki	ng.	
GAME RESOURCES				
Bear	Fish carcasses or bones (ol	d or fresh) on bar	ıks, estimate	0
	Number of droppings		•	0
Geese	Number seen on tide flats			0
	Number seen up creek Number of broods seen			0
Mallards	Number seen on tide flats			0
	Number seen up creek	•	,	0
	Number of broods seen		•	· 0
Mergansers -	Number of broods seen		•	0
Bald Eagles-	Number seen along creek		•	0
Seals	Number of nests seen and lo Number seen at mouth of str	cation		0
	Estimate length along beach	eam		- 0 0
1100 1100D -	Estimate depth out from bea	ch		rocky
	Eel grass present on what p			
			the second secon	



BOB's BAY CREEK

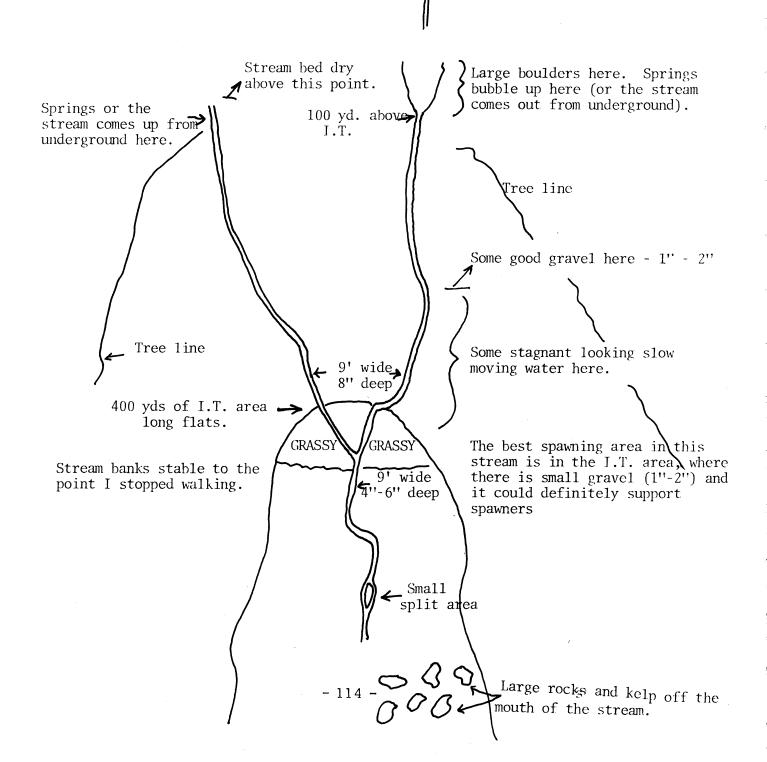


20% available spawning area

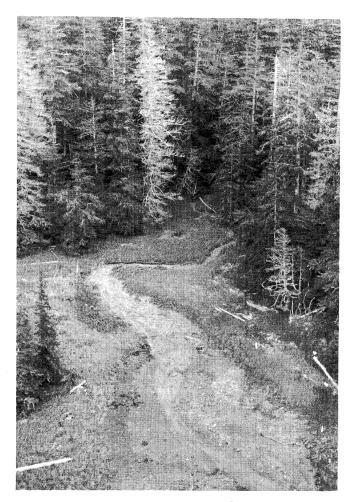
Mostly hemlock

-4' tide at time of survey

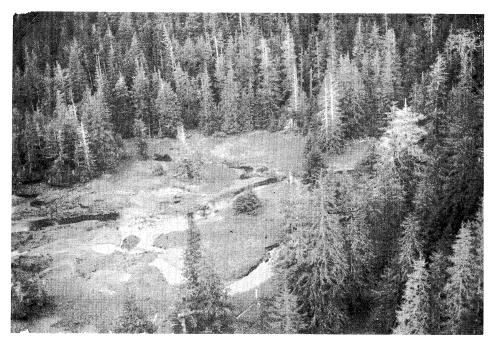
-Stream bed dry, some bedrock.



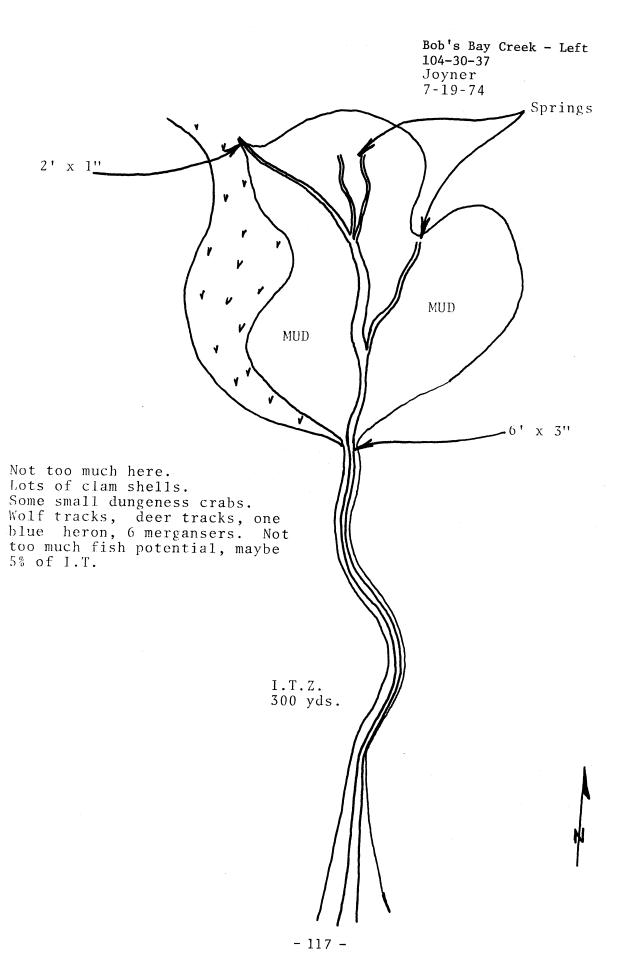
Name Bobs	Bav	Catalog No.	104 - 30-35	
Name <u>Bobs</u> Latitude	55° 12' 34"	WR No.		
Longitude	133° 10' 32"	K No.		
Geodetic Map 1	No. Craig A-4	Work Area Ke	tchikan	
Location West	Coast Dall Island	Watershed Ler	igth 3 miles	
Drainage Area				
Water Supply S	Type <u>Precipitatio</u>	n, springs		
gr to All parameters are proposed by a proposed proposed and the contract of t			- The contract of the second s	
Trails & Surve	ey Routes Walk in t	he stream, doe	sn't go too far	above
the intertida	Zone.	r + ho T T 7	1- 1	
Above this for	Notes Could surver r surveying from the	y the 1.1.2. o	.K. but 1s too s	small
Anghomoro De	for to paying from the	n+ #01[1 and 4	h	D:1-4
There's a good	fer to navigation cha	li #0151 and i	ne Alaska Coast	P110t.
Tide Stage Who	d anchorage here insident	ae che bay in	4-0 lathoms of v	vater.
		<u> </u>	referencias en flotación a un como efecuención a los aceste aceste aceste activas excepciones efecuenciones e	
FISHERY RESOU				
Commercial .	Fisheries <u>Unknown</u>			
Paganamant	II. Landa and an and an analysis of the state of the stat			
Macapement Augilable and	Unknown awning area - 100 M <sup>2</sup>	- ·		
Species Com	position Unknown			
opeores com	DOULD TOTAL OHRHOWN			
Timing La	te			
Schooling a	reas Off the mouth	and a couple o	f small pools w	ithin the
stream.	the state of the s			
Shellfish P	otential <u>Good abalo</u>	ne picking off	the mouth. Lar	rge flats
so should be	e clams. No crab pot ries Unknown but w	s were set.		
Sport Fishe	ries <u>Unknown but w</u>	<u>ould be very p</u>	<u>oor - too small</u>	
	And the second s			
mana Use at	Present None			
Mistory of	Land Use None		as angular afternam neuro secondo de 1978 antempositado dos des des afrecasivos escretarios de esta de esta de	d to the management and the suffering station are produced in
LESCONY OF	Land ose None			
Rehabilitat	ion Potential None	- too small.		
Soils Sta	ole to the point I s	topped walking		
**************************************				
And the specific of the state o				
GAME RESOURCES				
	Titali and an analysis and beauty	(-7-i) O	a banka aabimata	•
Dear,	Fish carcasses or bones	(old or iresh) of	n banks, estimate	0
Conan	Number of droppings Number seen on tide flat	0		0
Geese	Number seen up creek	อ	•	0
	Number of broods seen			0
Mallards	Number seen on tide flat	e ·		0
ratifat do	Number seen up creek	D .		0
	Number of broods seen			0
Mergansers -				0
Bald Eagles-				0
	Number of nests seen and	llocation		0
Seals	Number seen at mouth of			0
	Estimate length along be			
	Estimate depth out from			
	Eel grass present on wha		ts	



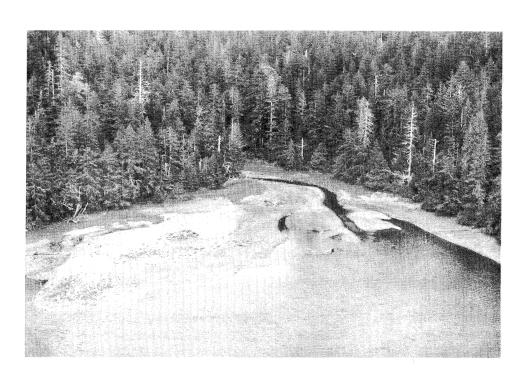
Upper section of Bob's Bay Creek - left.



Intertidal zone of Bob's Bay Cr. - Left



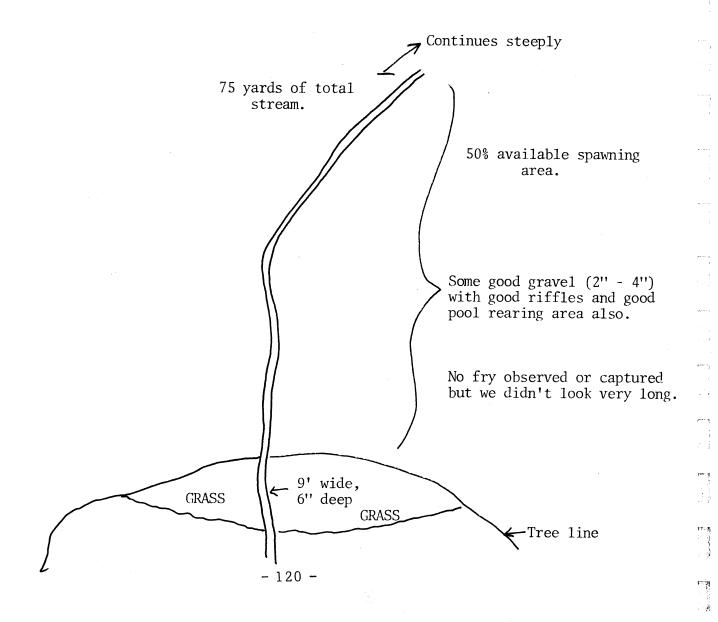
Name Bob's B	ay Creek - left	Catalog No. 104-30-37	
Latitude N	55° 12' 37'' 33° 10' 23''	WR No.	
Longitude W 1	33° 10' 23"	K No.	
Geodetic Map	No. Craig A-4	Work Area <u>Ketchikan</u>	
Location W	Coast Dall Island	Watershed Length	
Drainage Area	of Watershed		
naver bapping	"JPC Kunoli		
Aerial Survey	Notes		
Anchorage	In Bob's Bay		
Tide Stage Wh	en Surveyed 1/2	tide, flooding	
FISHERY RESOU	RCES		
			dissiplina anni agreet from a this bear from a though a succession and the succession and
Escapement			
Available spar	wning area - 8 M2		Art other to discour has an art or a superior to the superior
Species Com	position		
Timing			
Schooling a	reas		The trade of the second
DHCTTITOH I	Clams, dun	geness crab.	
Sport Fishe	ries		
Land Use at	Present None		Transfer to the second of the
11.25001 y 01	name ese None		Production of the Production of the Control of the
Rehabilitat	ion Potential No	ne	
Soils	Stable		
de est des l'handers trade and the second desirable			
GAME RESOURCES			
Bear	Fish carcasses or bones	(old or fresh) on banks, estimate	
	Number of droppings	(0.00 01 11 001) 011 000110, 000111200	
Geese	Number seen on tide fla	its	
	Number seen up creek		
	Number of broods seen		
Mallards	Number seen on tide fla	ats	
	Number seen up creek		
N. T	Number of broods seen		
Mergansers -	Number of broods seen	• •	1 (6 hirds)
Bald Eagles—	Number seen along creek Number of nests seen ar		
Seals	Number of nests seen ar Number seen at mouth of		
	Estimate length along t		
TIME TIMES -	Estimate depth out from		
	Eel grass present on wh		
		1	



MOUTH OF 104-30-40

Diver Bay 'Hole in the Wall' 104-30-40 7-19-74 Downey

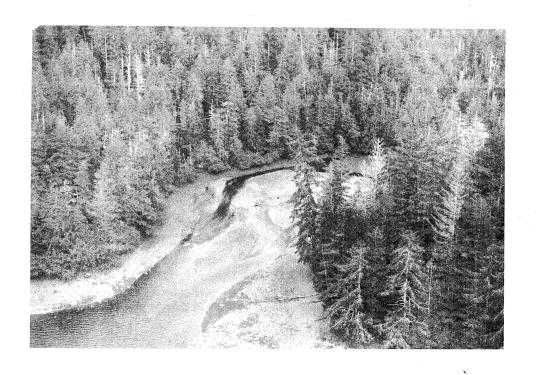
This is the stream at the head of Hole in the Wall. Not a large stream by any means, but it does have some good gravel and could support spawners. Should be cataloged.



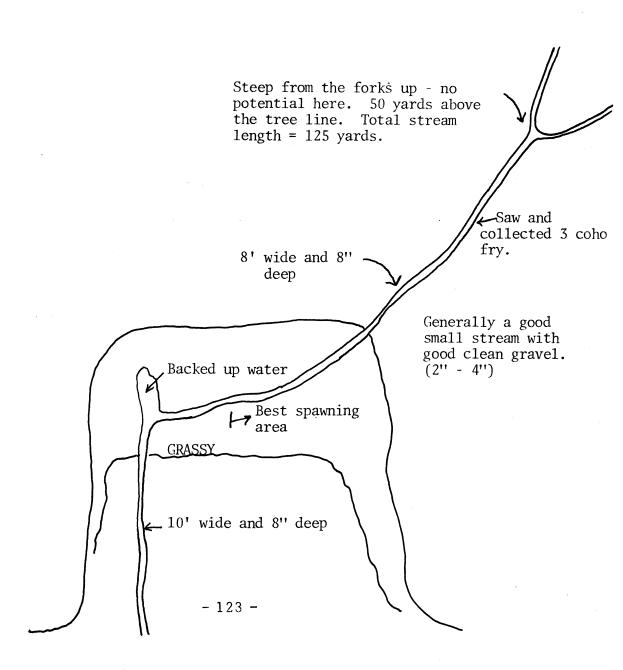
Name Diver B	ay 'Hole in the Wall' 55° 10' 38" 33° 11' 10"	Catalog No.	104-30-40	
Tongitudo 1	55° 10' 58"	WK NO.		
Geodetic Man	33 11 10	Mork Area		
Location Was	t Coast Dall Island	Watershed Lengt	hikan h 7/4 - 1	
Drainage Area	of Watershed	waver blied Helle	311 3/4 mile	
Water Supply	Type Springs, precip	itation		
Trails & Surv	ey Routes <u>Walk in t</u>	he stream.		
Aerial Survey	Notes Could survey	the I.T.Z. hut i	is too small u	pstream
for surveying	Refer to navigation			~ .
Anchorage	Refer to navigation	chart #8151 and	l the Alaska C	oast Pilot.
Tide Stage wn	en Surveyed			
FISHERY RESOU				
Commercial :	Fisheries <u>Should be</u>	e pink, chum and	l coho	
·				
Escapement	1500 at the mouth on			
Graniante Spa	wning area - 94 M <sup>2</sup>			
phagrap com	position <u>Unknown</u>			
Timing La	te			
Schooling a	reas Off the mouth.			
			,	
Shellfish P	otential Not much :	flats so probabl	y not much cl	am pro-
duction. Ab	alone in the adjacent	area.		
Sport Fishe	mies <u>Unknown - but</u>	no potential her	e - too small	
	Present None			
History of	Land Use <u>None</u>			
Rehabilitat	ion Potential None	too small.		
Soils St	able to the point I st	topped walking.		
			nam-ta, amad sa ar-hiladourh east d'i ddiridheach saidisidh liagair sàidisidh baras as asasach a seanna	
GAME RESOURCES				
Bear	Fish carcasses or bones	(old or fresh) on h	oanks, estimate	0
	Number of droppings		,	0
Geese	Number seen on tide flat:	S		0
	Number seen up creek			0
· .	Number of broods seen			0
Mallards	Number seen on tide flats	3		0
	Number seen up creek			0
Nanagara	Number of broods seen	•		0
	Number of broods seen Number seen along creek			0
Bald Eagles-	Number seen along creek  Number of nests seen and	location		0
Seals	Number of hests seen and Number seen at mouth of			. 0
	Estimate length along be			
1 1	Estimate depth out from			
	Fal mass present on what			



MOUTH OF 104-30-45

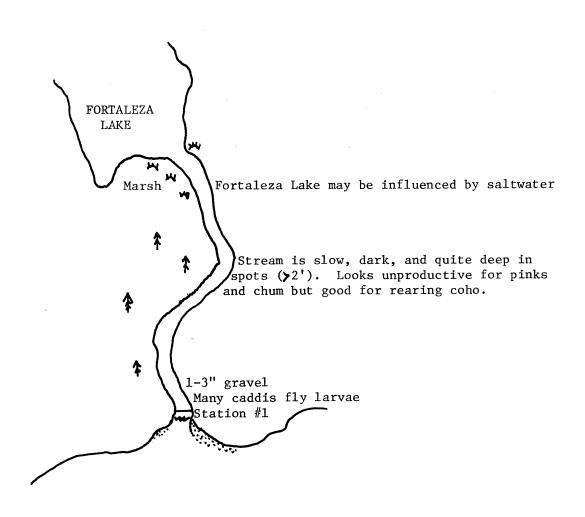


Diver Bay 'Hole in the Wall' 104-30-45 7-19-74 Downey



Name Diver Ray - 'Hole in the Walfatalog No. 104-30-45	
Latitude 55° 10' 32" WR No.	
Longitude 133° 11' 11" K No.	
Geodetic Map No. Craig A-4 Work Area Ketchikan	-
Name Diver Bay - 'Hole in the Wal Fatalog No. 104-30-45 Latitude 55° 10' 32" WR No. Longitude 133° 11' 11" K No. Geodetic Map No. Craig A-4 Work Area Ketchikan Location West Coast of Dall Island Watershed Length 3/4 mile	
Drainage Area of Watershed	
Water Supply Type Lake, precipitation.	
Chaile & Charter Doubes Chall thrown as int to all it	
Trails & Survey Routes Small stream, easiest to walk in the stream or on the banks.	
or on the banks.  Aerial Survey Notes Could survey the I.T. area but is too small an	<u></u>
brushy upstream.	<u>u</u>
Anchorage Refer to navigation chart #8151 and the Alaska Coast Pi I think you could get a small boat in 'Hole in the Wall' and it would be a small be a small boat in 'Hole in the Wall' and it would be a small boat in 'Hole in the Wall' and it would be a small boat in 'Hole in the Wall' and it would be a small boat in 'Hole in the Wall' and the would be a small boat in 'Hole in the Wall' and the would be a small boat in 'Hole in the Wall' and the would be a small boat in 'Hole in the Wall' and the would be a small boat in 'Hole in the Wall' and the would be a small boat in 'Hole in the Wall' and the would be a small boat in 'Hole in the Wall' and the would be a small boat in 'Hole in the Wall' and the would be a small boat in 'Hole in the wall' and the would be a small boat in 'Hole in the wall' and the wall be a small boat in 'Hole in the wall' and the wall be	10t.
I think you could get a small boat in 'Hole in the Wall' and it would	d be
Tide Stage When Surveyed About low tide. good ancho	rage.
FISHERY RESOURCES	
Commercial Fisheries Unknown - should be pink and chum with coh	o for
sure ( saw coho fry).	0 101
TI	
Available spawning area - 111 M <sup>2</sup>	
Species Composition Unknown	
	pun-mana-manamanan-man-ma
Timing Late	
Schooling areas Off the mouth.	
	****
Shellfish Potential Very limited but could be clams in the I.T.	zone
and there are abalone in the adjacent area.	-
Sport Fisheries Unknown - but potential would be poor.	
Land Use at Present None	
History of Land Use None	
Rehabilitation Potential None - too small.	
Soils Stable to the point I stopped walking.	
GAME RESOURCES	
Bear Fish carcasses or bones (old or fresh) on banks, estimate	0
	0
Geese Number seen on tide flats	0
Number seen up creek	0
	0
	0
	0
	0
	1
	0
	0
TOURS TOURS TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR	0
Tide flats - Estimate length along beach	
Estimate depth out from beach	
Eel grass present on what percent of flats	

Fortaleza Creek 104-30-50 8-11-75 Novak, Downey, R.Larson



Name Forta	leza Creek	Catalog No.	104-30-50	
Latitude	Leza Creek N 55° 17' 42" N 133° 35' 49" No. Craig - B-5	JR No.	_	
Longitude I	7 133° 35' 49"	K No.		
Geodetic Map	No. Craig - B-5	Work Area	Ketchikan	
Location Bake	I. Fortaleza Bay, S.head	Watershed Le	agth 1.75 miles	
Drainage Area	of Watershed 1.5 squ	uare miles		
Water Supply	Type Precipitation fed I	ake.		
macci capping	Jpc			
Trails & Surv	ey Routes The lower stre	eam is deep in	areas and it would	be best to
Acrical Survey	Not og I	1.00.	4	
in the atreem	Notes Lower stream is v			
Anchorage <u>Fa</u>	r weather anchorage only in	ı Fortaleza Bay	•	
Tide Stage Wh	en Surveyed 1/2 tide	<b>3</b> •		
FISHERY RESOU	RCES			
Commercial	Fisheries <u>Limited spaw</u>	ming area for	nink and chum but e	voollont
rearing areas	for cohos and possibly red	salmon	print and thum but e	XCELLEIL
Escapement	No previous records.	· Garmon.		
Available sp	$a_{\text{turning area}} = 200 \text{ M/2}$			
Species Com	position		**************************************	
Timing Midd	le - Late			
Schooling a	reas Unknown			
50110011115				
Shellfish P	otential Low			
Olicariabil i	0001101141			
Sport Fishe	ries Unknown. Should ha	ive some cutthr	nat and Dolly Varde	n in lake
Oporo rabilo		TO DOME COLUMN	out and borry varue	II III Take.
Land Use at	Present None			
	11000110			
History of	Land Use Unknown			
111100011				
Rehabilitat	ion Potential None			
rend billiou o	ron rought. None			
Soils Chabl				<del></del>
COTTD SCADI	e.			
GAIÆ RESOURCES				
Bear	Fish carcasses or bones (c	old or fresh) o	n hanks estimate	_
270011	Number of droppings	And Of Trebity o	ir baiks, counace	
Geese	Number seen on tide flats			
deebe	Number seen up creek			
	Number of broods seen			
Mallards	Number seen on tide flats			
ratialus				
	Number seen up creek			
75	Number of broods seen	-		
Mergansers -	Number of broods seen			
Bald Eagles—	Number seen along creek			
	Number of nests seen and			-
	Number seen at mouth of st			
Tide flats -	Estimate length along beach			
	Estimate depth out from be	each		-
	Fall mage pregent on what	noncent of fla	t-c+	

		Name: Fortaleza Creek	Temperature: 64°
		Number: 104-30-50	rt1y
Station No.			
	1		
Pool Size/Type	2/1	,	
Riffle Type Width-Depth	43'W .95'D		
Pool Riffle Frequency	1		
Bottom Type (Riffle)	4/5		
Color/Turbidity	2/1		
Velocity	1		
Flow (C.F.S.)	20.42		
Temp. (°F.)	54°		
Hq	4.5		
Fry Abundance	coho 2-2"		
Benthos Sample No.			
Higher Plant Class	2		
Aquatic Veg. Density Ident. (1) Mosses (2) Algae	1 2		

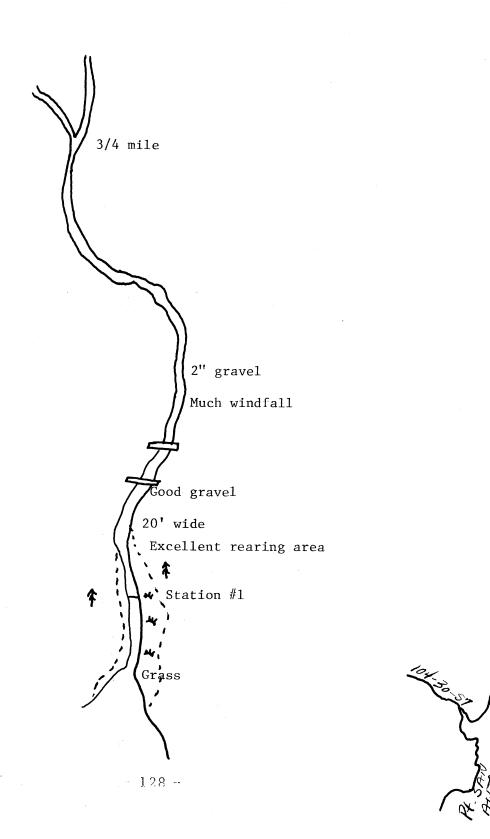
\$ 4.

Observers: Novak, Downey, R.Larson Date: 8-11-75

STREAM INVENTORY FORM

General Renarks (rehab., land use, barriers, log jams, etc.): Creek is sluggish and dark but seems quite deep(72') for much of the distance to the lake. 1-3" gravel in riffle at beach mouth.

West Head N. Arm Pt. San Antonio 104-30-57 8-11-75 Novak, Downey, R.Larson



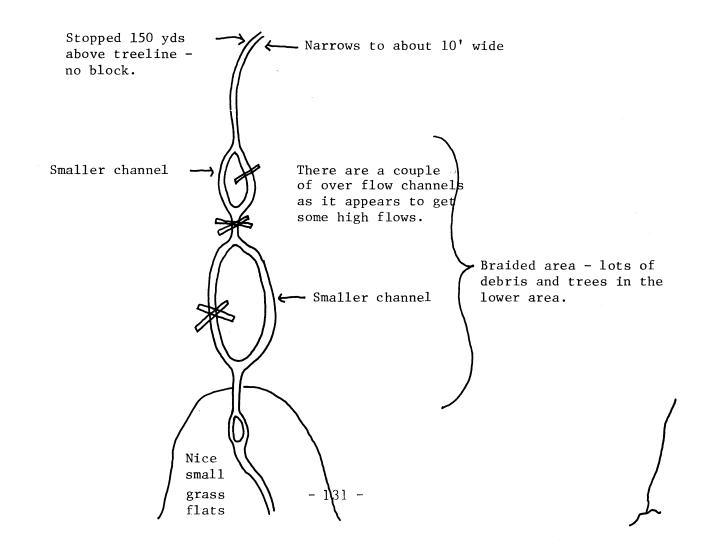
Name West Hd. N. Arm Pt. San Antonio	Catalog No. 104-30-57
Latitude N 55° 22' 18"	WR No.
Longitude W 133° 35' 48"	K No.
Geodetic Map No. Craig D-5	WR No.  K No.  Work Area Ketchikan  Watershed Length 1.0 miles
Location Baker Is., Pt. San Antonio	Watershed Length 1.0 miles
Drainage Area of Watershed 1.2 squ	uare miles
Water Supply Type Precipitation	programments and programment of the contract o
Trails & Survey Routes Small stream	that is easily walked at normal water levels.
Acrial Survey Notes Difficult because	se of small size and overhead cover.
Anchorage Good anchorage in bay.	
Tide Stage When Surveyed 2/3 flood.	
FISHERY RESOURCES	
	area. No adults seen but many coho fry.
Should be pink also.	area. No addits seen but many cono fry.
Escapement Past escapement unknown	1
Available spawning area - 464 M <sup>2</sup>	
Species Composition Pinks and col	nos - percentages unknown
Timing Probably middle - late.	
Schooling areas <u>Unknown</u>	
Shellfish Potential <u>Crab and cla</u>	nm shells on beach
Sport Fisheries None	
and Han at Present No.	
Land Use at Present <u>None</u>	
History of Land Use Unknown	
Rehabilitation Potential None ne	eeded.
Soils Low, stable banks. 1/4 mile o	of tidal influenced grassflats along lower
stream.	
GAFE RESOURCES	
Book Thich appeared on homes /	(ald on theath) on house a stimut.
Bear Fish carcasses or bones ( Number of droppings	old or fresh) on banks, estimate
Geese Number seen on tide flats	
Number seen up creek	
Number of broods seen	
Mallards Number seen on tide flats	a.ua - administrativa di mandri di m
Number seen up creek	)
Number of broods seen	· · · · · · · · · · · · · · · · · · ·
Mergansers - Number of broods seen	-
Bald Eagles- Number seen along creek	Bases, a general difference relation to the company of the company
Number of nests seen and	location
Seals Number seen at mouth of s	
Tide flats - Estimate length along bea	
Estimate depth out from t	
Eel grass present on what	

R.Larson																	
ey,												-					
Novak, Downey, 75	Temperature: 64°F	cloudy															
Noval 1-75	, 49	Partly															
Observers: Not Date: 8-11-75	rature	er:															
Obser Date:	Tempe	Weath															
	onio																
	San Antonio																
ORM																	
STREAM INVENTORY FORM	W.Hd. N. Arm Pt.	Number: 104-30-57		,		***											
INVEN	W.Hd.	: 104-															·
STREAM	Name:	Number					·										
										4			-				
				2	w D			F-4		17	Ô	5	9				
			-	3/2	12'W .69'D	3	7	2/1	2	4.17	51°	4.5	1-6		2	П	
			Station No.	Pool Size/Type	Riffle Type Width-Depth	Pool Riffle Frequency	Bottom Type (Riffle)	Color/Turbidity	Velocity	13 Flow (C.F.S.)	Temp. (°F.)	ŀĮd	Fry Abundance	Benthos Sample No.	Higher Plant Class	Aquatic Veg. Density	(1) Mosses (2) Algae
									•	- 13(	J <del></del>						

General Remarks (rehab., land use, barriers, log jams, etc.):

Split Creek 104-30-60 8-11-75 Downey, Novak, R.Larson

Generally very good looking spawning gravel - 2"-6". Unidentified fry throughout. A few small but good pools. Small stream but with some definite limited spawning potential. 60% Available spawning area.



Name Split	Creek 55° 22' 14' 133° 35' 33"	Catalog No. <u>104-30-60</u>	-
Latitude N	55° 22' 14'	WR No.	
Longitude <u>W</u>	133° 35' 33"	1 NO.	
Geodetic Map	No. Craig B-5	Work Area <u>Ketchikan</u>	
Location Baker	Is., Pt.San Antonio N.Hd.	Work Area <u>Ketchikan</u> Watershed Length <u>1.25 miles</u>	
Drainage Area	of Watershed		
Water Supply	Type Precipitation, r	unoff	
Wentle & Suny	ov Poutes No trails	- walk in stream.	
ildiib & DUIV	ey nouces no trains	wark in Stream.	
Aerial Survey	Notes Too small with	overstory to aerial survey.	
Anchorage	South arm of Pt. San Ant	onio	
Tide Stage Wh	en Surveyed Low tide		-
FISHERY RESOU			
	roms Fisheries <mark>Unknown</mark>		
Commercial	FISHELTES OHRHOWN		
Escapement	Unknown		
Available sn	awning area - 401 M <sup>2</sup>	Approximate the state of the process of the state of the	<del></del>
Species Com	position <u>Unknown</u>		
Timing	Un <b>known</b>		
Schooling a	reas Off the mouth an	d pools within the stream.	
Shellfish P	otential <u>Fairly rocky</u>	beach - maybe a few clams or abalone.	•
O Link	N	11	
Sport Fisne	ries None - too sm		
Tand Use at	Present None		The second secon
Edita obe ac	T TO DO TO		
History of	Land Use None		
Rehabilitat	ion Potential None		
Soils <u>Stabl</u>	e to the point walked.		
GAME RESOURCES			
Bear	Fish carcasses or bones	(old or fresh) on banks, estimate	0
	Number of droppings		0
Geese	Number seen on tide flat	JS	0
	Number seen up creek		0
	Number of broods seen		00
Mallards	Number seen on tide fla	ūS	0
	Number seen up creek	· ·	0
	Number of broods seen		0
	Number of broods seen		0
Hald Hagles-	Number seen along creek		0
Caalu	Number of nests seen an		0
	Number seen at mouth of	***	0
Tide Liaus -	Estimate length along be		
	Estimate depth out from Fel grass present on who		
	THE RECEIPTS DESIGNATION AND MEDICAL		

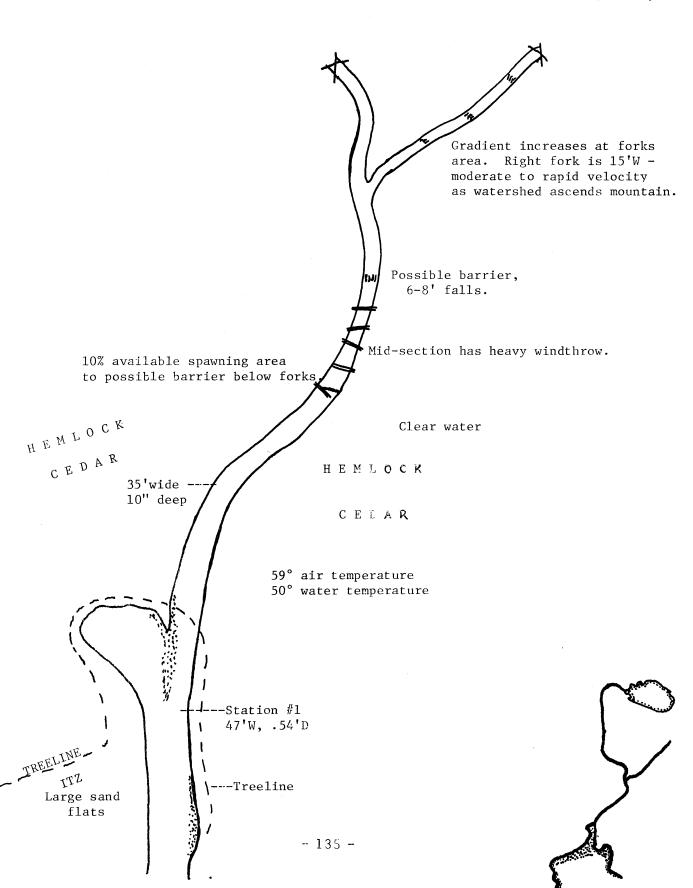
R.Larson																	
- 1		dy															
Downey, Novak,		y cloudy															
s: Downe 8-11-75	. 64	Partly															
ē	Temperature:	er:															
Observ Date:	Tempe	Weather:															
ORM		09.						. ,									
STREAM INVENTORY FORM	Split Creek	104-30-60															
M INVE									٠.								·
STREA	Name:	Number:			· · · · · · · · · · · · · · · · · · ·												
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			П	3/2	16'W .48'D	ъ	4	1/1	2	∞	48°	9	2" 1-3		2	2	2
			l	اا و				ity .			•						
			n No.	Pool Size/Type	Type Depth	iffle ncy	Type e)	Color/Turbidity	ţ <u>.</u>	C.F.S.)	(°F.)		Fry Abundance	S No.	. Plant	c Veg.	Mosses Algae
			Station No.	Pool S	Riffle Type Width-Depth	Pool Riffle Frequency	Bottom Type (Riffle)	Color/	Velocity	Flow (C.F.S.)	Temp. (°F.)	þH	Fry Ab	Benthos Sample No.	Higher Plant Class	Aquatic Veg. Density Ident.	(Z)

General Remarks (rehab., land use, barriers, log jams, etc.):



ROLLER BAY

Roller Bay Creek 104-40-05 8-11-75 Novak, R.Larson, Downey



Name Roller	Bay Creek 55° 31' 04" 133° 42' 11"	Catalog No.	104-40-05	
Latitude N	55° 31' 04"	WR No.		
Longitude <u>W</u>	133° 42' 11"	K No.		
Geodetic Map	No. Craig C-6	Work Area R	Cetchikan	
Location Noyes	Is. Roller Bay Head	Watershed Leng	th 2.5 mile	S
Drainage Area	Is. Roller Bay Head of Watershed 2.3 s	q. miles (polar pla	nimeter)	
Hace Cappay	Type have system with	ground water. Pred	ipitation as a s	upplemental
source but not a	l Major supplier.			
Trails & Surv	ey Routes Walk up str	eambed as the banks	are quite brush	v. Stream
TO DINGTT TH STYE	s sugrious with Mindiali	// Miles unstream		
Rental Survey	NOTES Heavy canopy effi	ect being impossibl	e to survey uppe	r areas by
rixed wing. Eas	lly surveyed from air in	ITZ.		
Anchorage Po	or anchorage due to open	exposure.		
Tide Stage Wh	en Surveyed 2nd half	of flood	and a second an experimental and a second and	
FISHERY RESCU	RCES			
Commercial	Fisheries Coho, pi	nk, chum		
Escapement	Unknown - no records.			
Available sp	awning area - 1,287 M <sup>2</sup>			
Species Com	position Unknown		**************************************	
Timing Lat	e - August, September			The state of the s
Schooling a	reas <u>Unknown, but spec</u>	culate the upper in	tertidal zone of	the creek
may be a scho	Ollig area (lett side).			
Shellfish P	otential <u>Dungeness cr</u>	ab observed along	shoreline. Clams	s observed
in moderate t	o light numbers.			
Sport Fishe	ries Excellent halibut	grounds. Low rec	reation value due	e to remote
conditions of	the stream.			
Land Use at	Present None			
Wickery of	Land Use None			
nistory of	Land Use None			· · · · · · · · · · · · · · · · · · ·
Rehabilitat	ion Potential No.	1		
has heavy win	ion Potential None nece	essary relative to	barriers but the	midseciton
Soils Stab	le in lower 3/4 mile. Gra	df aut 3 1		
erosion poten	rial	dient increases abo	ove this point wi	th greater
Closton poten				
GAME RESOURCES				
Bear	Fish carcasses or bones	(old or fresh) on h	anks actimata	_
	Number of droppings	Cond of Trobilly Of E	arms, estimate	0
Geese	Number seen on tide flat:			0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide flats	:		0
	Number seen up creek			0
	Number of broods seen			0 0
Mergansérs -	Number of broods seen			
Bald Eagles-	Number seen along creek			0
	Number of nests seen and	location		0
Seals	Number seen at mouth of a			0
	Estimate length along bea			1 mile
	Estimate depth out from I		1	300 feet
	Eel grass present on what			0 1665

Weather: Partly cloudy Temperature: Name: Roller Bay Creek Number: 104-40-05 50° 47'W .62'D 1/1 43.2 2  $\mathcal{C}$ 4 3 2 Color/Turbidity Pool Size/Type Fry Abundance Aquatic Veg.
Density
Ident.
(1) Mosses
(2) Algae 132 Flow (C.F.S.) Higher Plant Class Bottom Type (Riffle) Riffle Type Width-Depth Pool Riffle Frequency 1 Temp. (°F.) Station No. Benthos Sample No. Velocity Hd

Observers: Novak, R.Larson, Downey Date: 8-11-75

STREAM INVENTORY FORM

General Remarks (rehab., land use, barriers, log jams, etc.): Mid-section of stream has fairly heavy windthrow.

## ACKNOWLEDGMENTS

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